

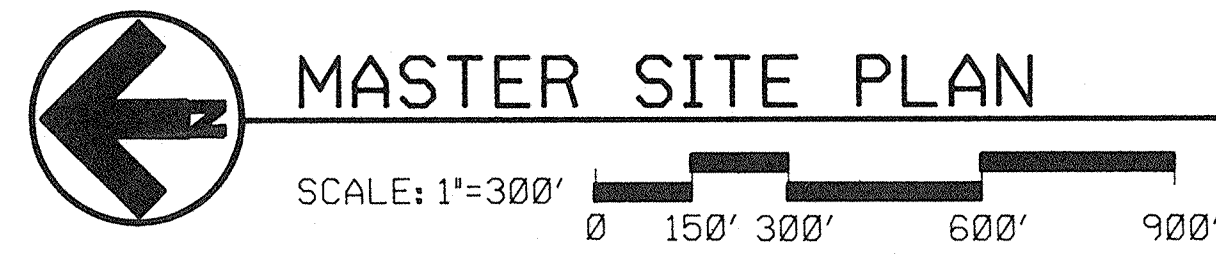
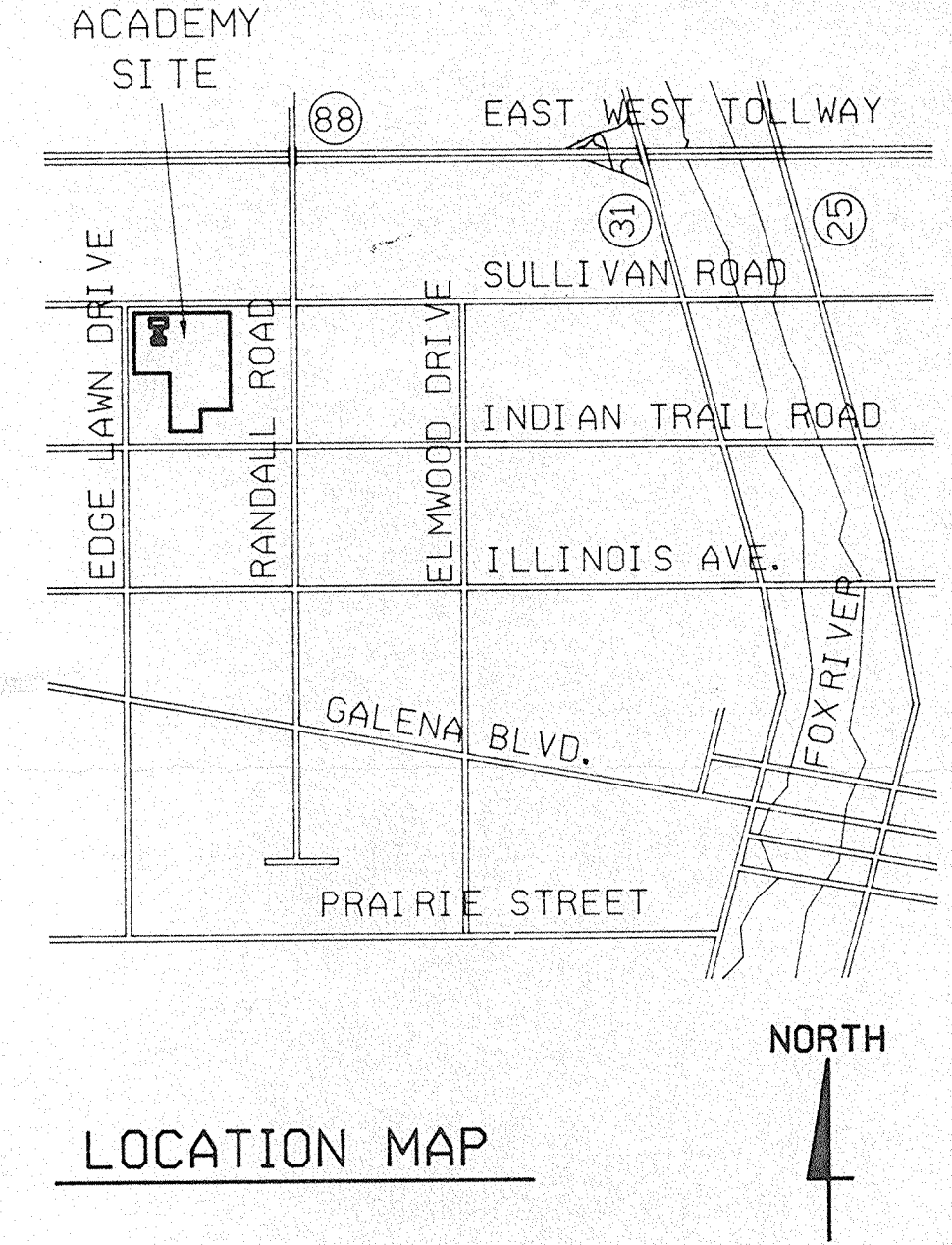
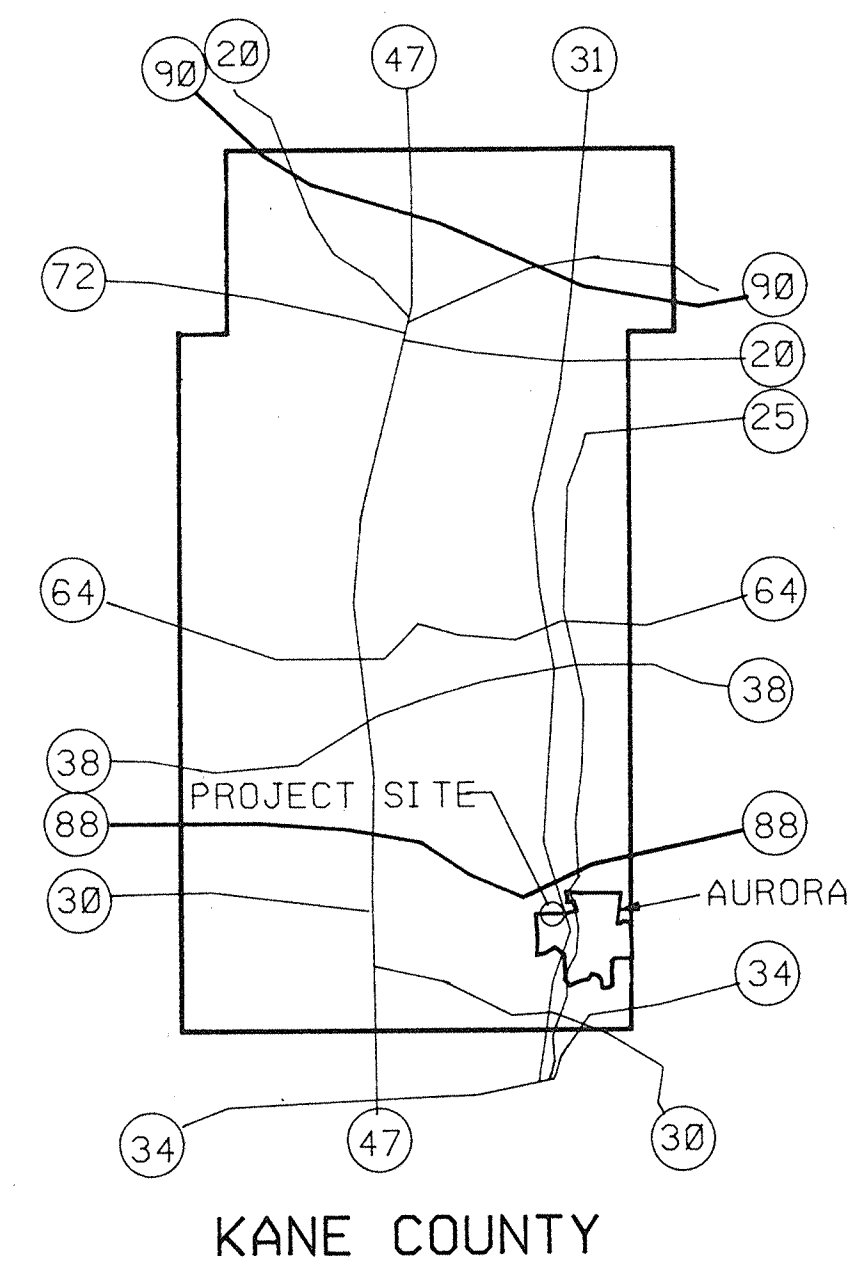
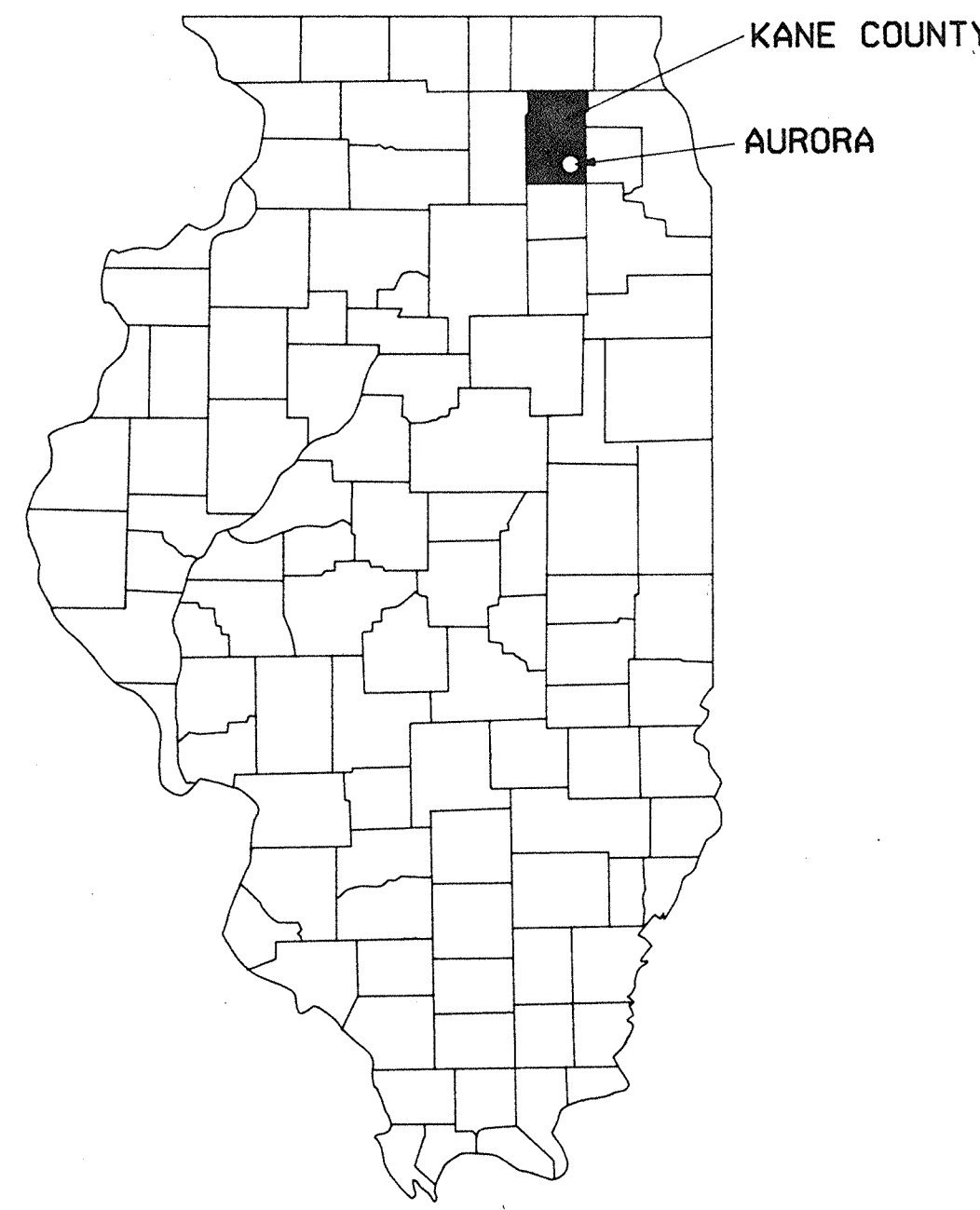
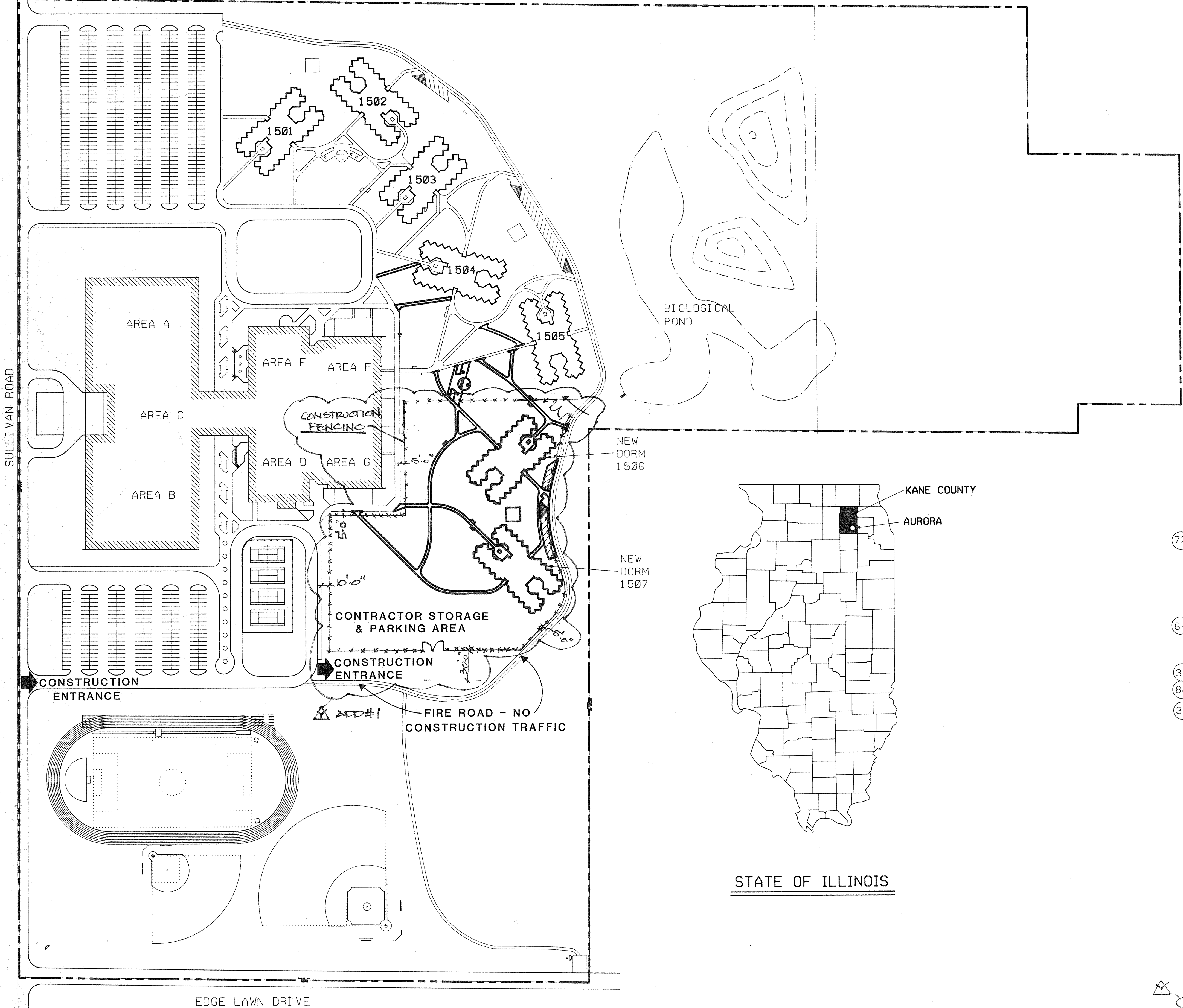
CDB-759-050-001-PH8

ILLINOIS MATHEMATICS AND SCIENCE ACADEMY
PHASE VIII - STUDENT HOUSING

RANDALL ROAD AND SULLIVAN ROAD
AURORA, KANE COUNTY, ILLINOIS

FOR:
STATE OF ILLINOIS
CAPITAL DEVELOPMENT BOARD

USING AGENCY:
STATE BOARD OF HIGHER EDUCATION



STATE OF ILLINOIS

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- E1.20 UPPER FLOOR PLAN LIGHTING & POWER
- E1.21 UPPER FLOOR PLAN COMMUNICATIONS
- E3.10 SCHEDULES & DETAILS

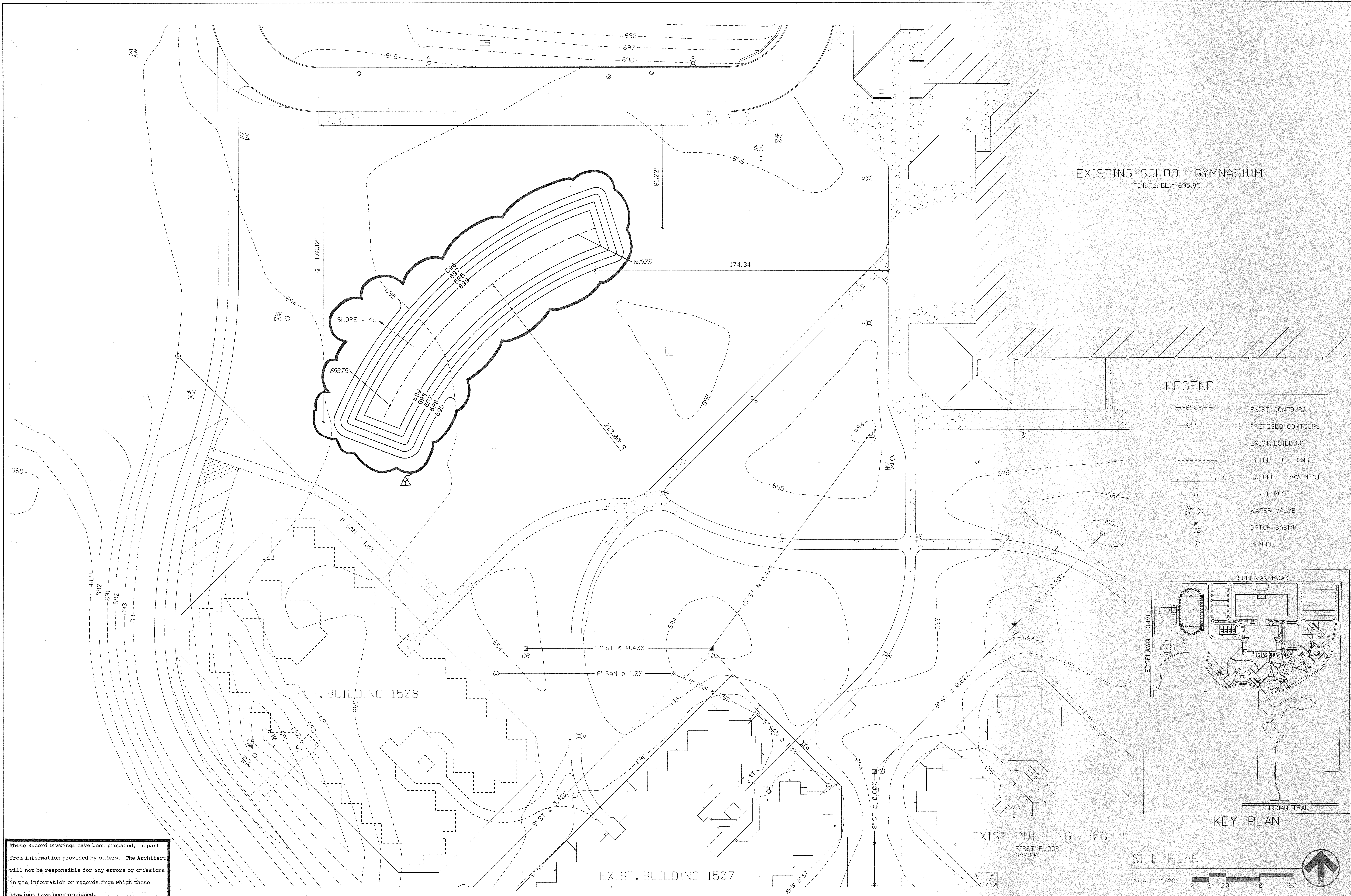
BUILDING CODE INFORMATION

BUILDING CODE
PRIMARY - UNIFORM BUILDING CODE
SECONDARY - BOCA BUILDING CODE
TYPE OF CONSTRUCTION 5B
USE GROUP R-2
OCCUPANCY
OCCUPANT LOAD SLEEPING ROOMS 112
OCCUPANT LOAD COMMUNITY SPACE 38
TOTAL OCCUPANT LOAD 150

SEE STRUCTURAL DRAWINGS FOR ALL
LOADING REQUIREMENTS
NOTE: THIS BUILDING DESIGN HAS NO STRUCTURAL OR
MECHANICAL PROVISIONS FOR FUTURE EXPANSION.

BY:
PHILLIPS SWAGER ASSOCIATES
ARCHITECTS - ENGINEERS - PLANNERS
1771 WEST DIEHL ROAD
SUITE 310
NAPERVILLE, ILLINOIS 60540
312-983-5445

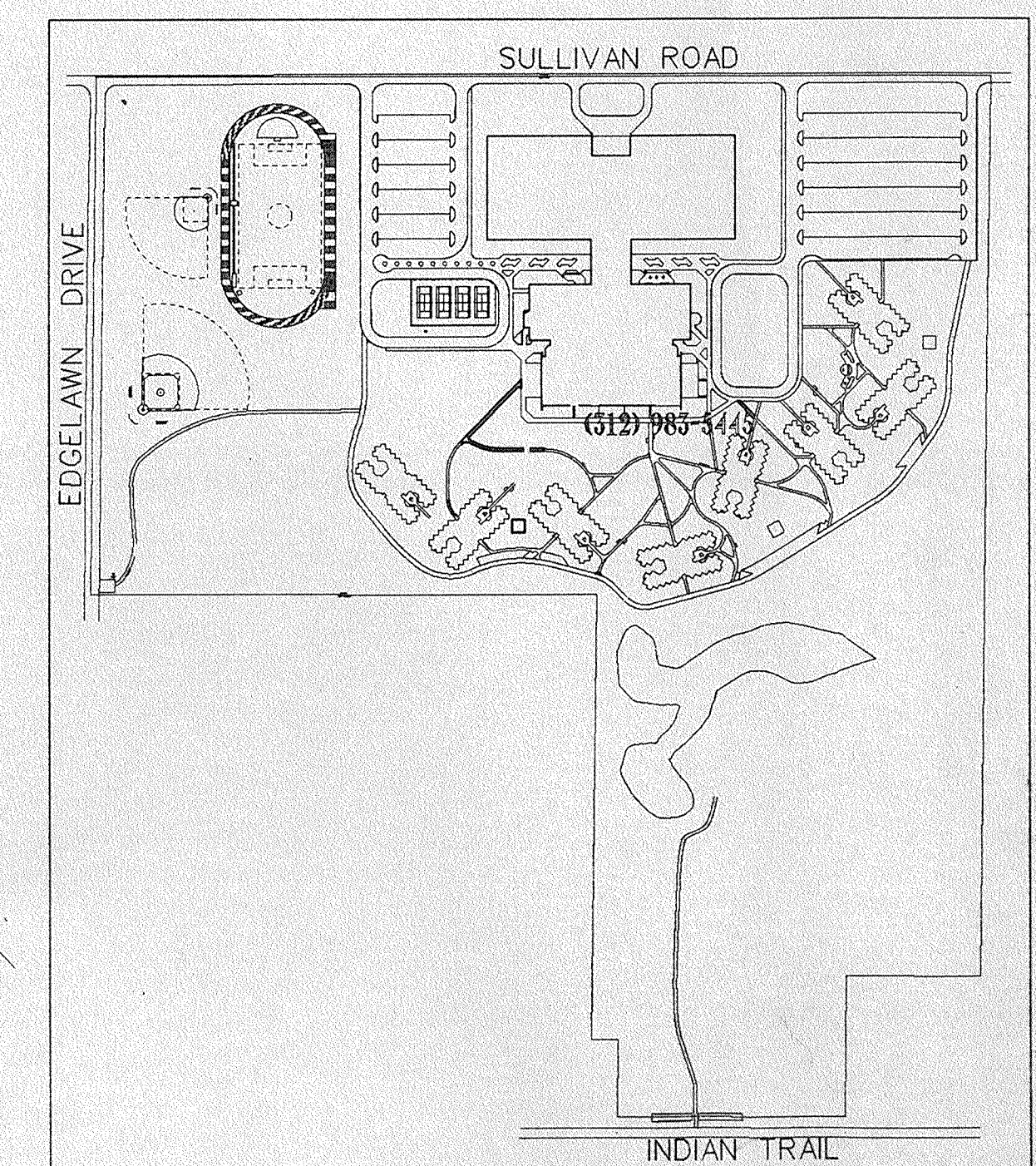
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EXISTING SCHOOL GYMNASIUM
FIN. FL. EL. = 695.89

LEGEND

- 698--- EXIST. CONTOURS
- 699--- PROPOSED CONTOURS
- EXIST. BUILDING
- FUTURE BUILDING
- CONCRETE PAVEMENT
- LIGHT POST
- WV D WATER VALVE
- CB CATCH BASIN
- MANHOLE



SITE PLAN

SCALE: 1"=20'

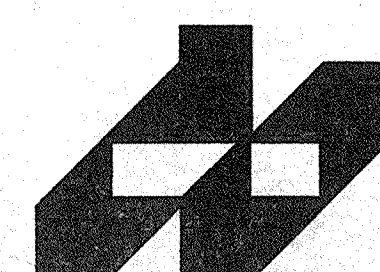
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			MKH	JCR

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STATE OF ILLINOIS
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C.D.B. PROJECT NUMBER 759-050-001 PH 8

ILLINOIS MATHEMATICAL AND SCIENCE ACADEMY
PHASE 8 - STUDENT HOUSING
RANDALL ROAD AND SULLIVAN ROAD
AURORA, ILLINOIS

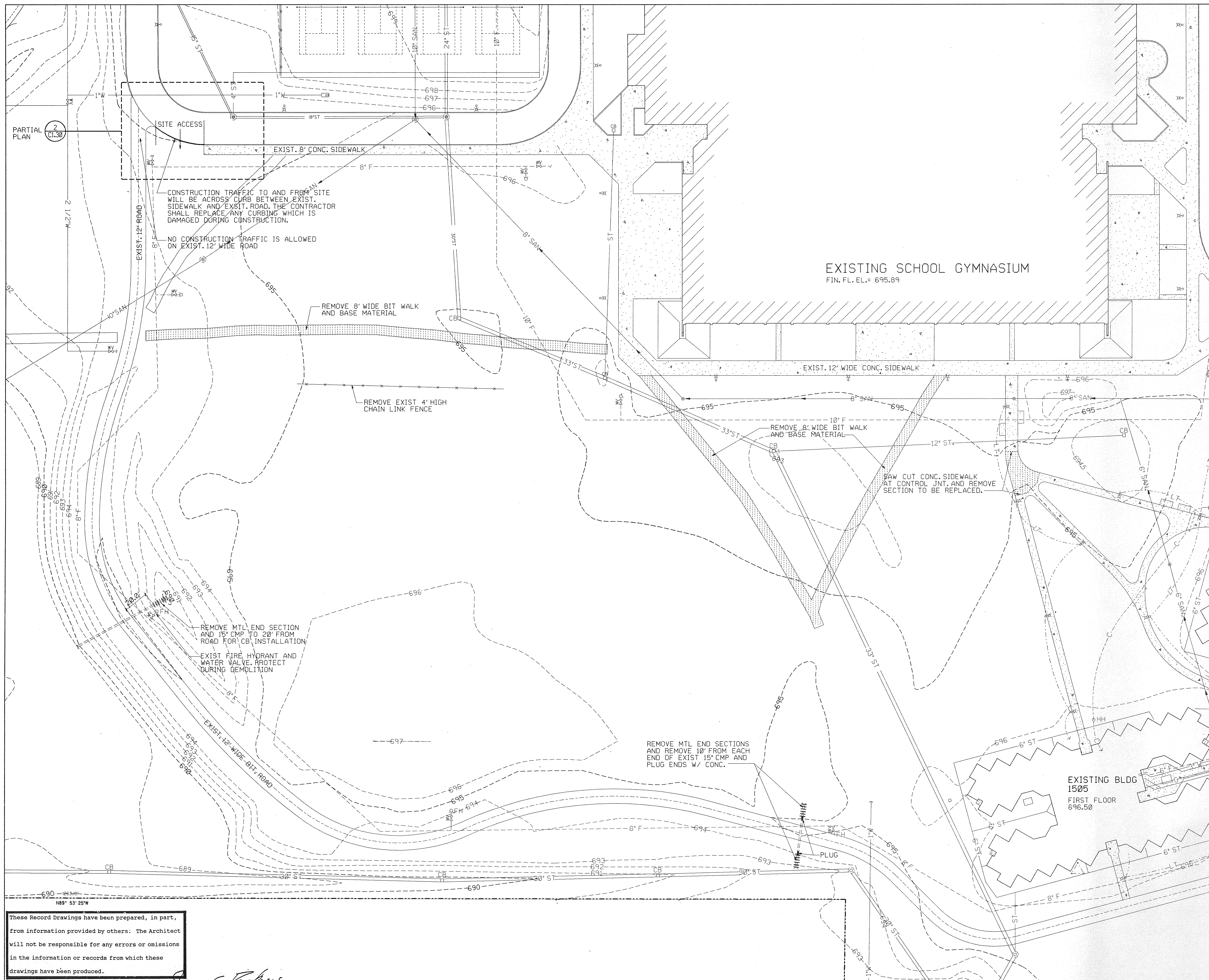
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DATE
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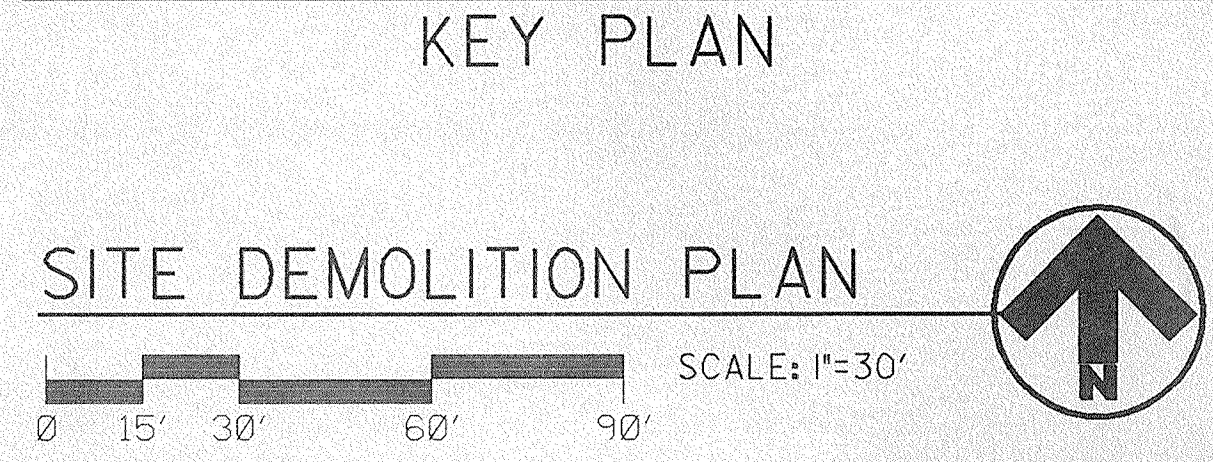
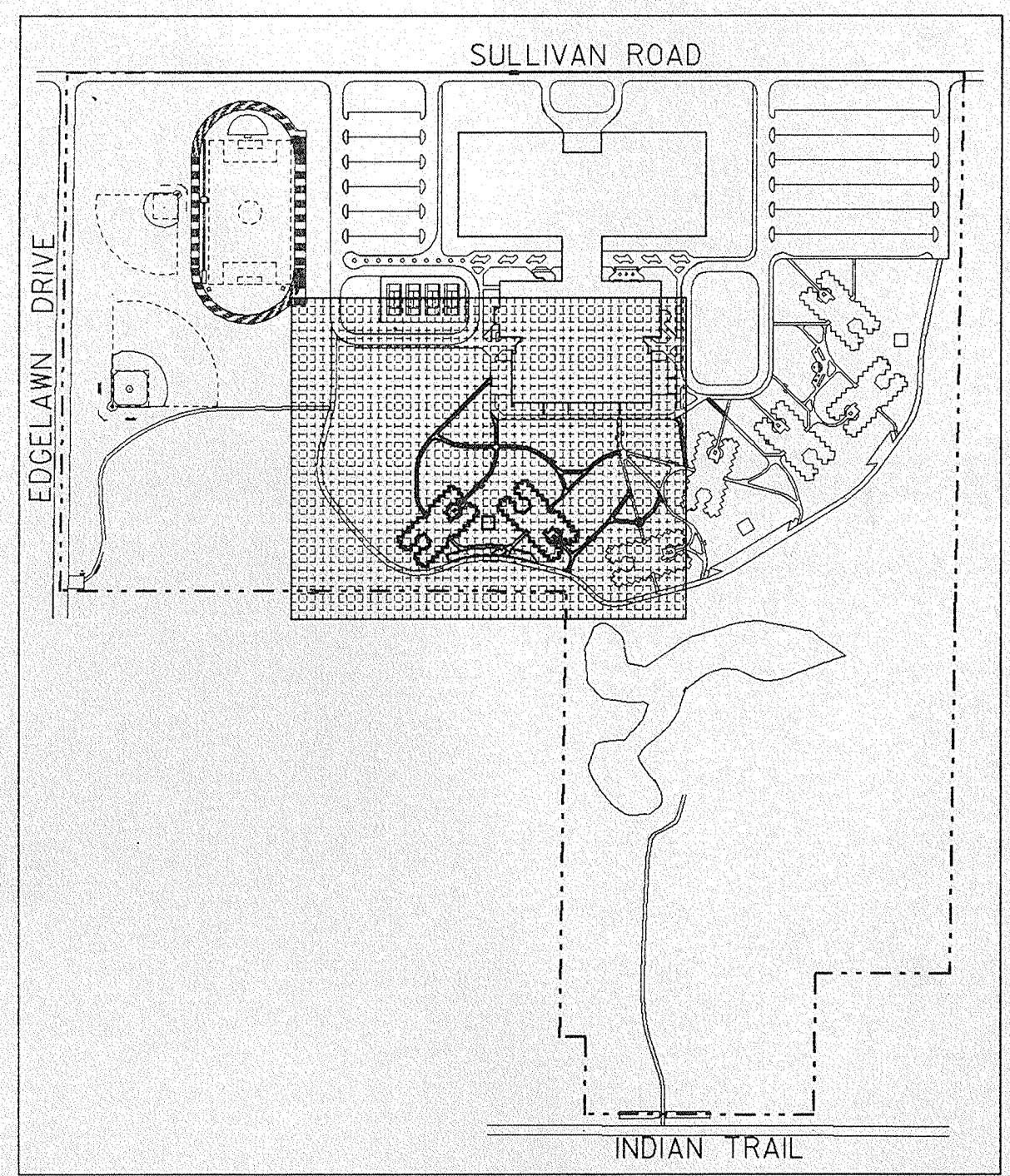
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C-1

OF SHEETS



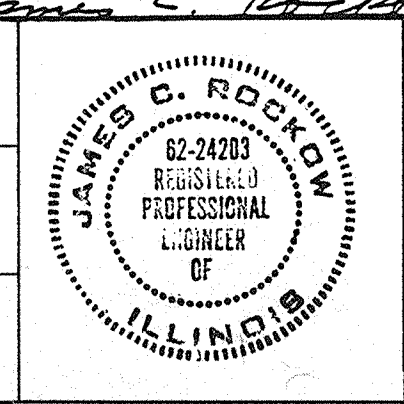
- CIVIL LEGEND**
- 694 --- EXISTING CONTOUR
 - --- CENTER LINE
 - 8" SAN --- EXISTING SANITARY SEWER WITH SIZE
 - 12" ST --- EXISTING STORM SEWER WITH SIZE
 - 4" G --- EXISTING GAS MAIN WITH SIZE
 - 6" W --- EXISTING WATER MAIN WITH SIZE
 - F --- EXISTING FIRE LINE
 - C --- EXISTING UNDERGROUND COMMUNICATIONS
 - LT --- EXISTING SITE LIGHTING ELECTRIC
 - [Pattern] CONCRETE
 - [Pattern] BITUMINOUS SURFACE
 - [Pattern] EXISTING SIDEWALKS & ROADS
 - [Pattern] REMOVE EXISTING PAVEMENT
 - [Symbol] EXISTING LIGHT POLE
 - [Symbol] EXISTING FIRE HYDRANT
 - [Symbol] WATER VALVE
 - [Symbol] EXISTING CATCH BASIN
 - [Symbol] EXISTING COMMUNICATIONS HANDHOLE
 - [Symbol] EXISTING STORM MANHOLE
 - [Symbol] EXISTING SANITARY SEWER MANHOLE
 - [Symbol] EXISTING FENCE
 - [Symbol] EXISTING DORMATORY
 - [Symbol] EXISTING SCHOOL BUILDING



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STATE OF ILLINOIS

C.D.B. PROJECT NUMBER 759-050-001 PH 8

SITE DEMOLITION PLAN

ILLINOIS MATHEMATICAL AND SCIENCE ACADEMY
PHASE 8 - STUDENT HOUSING
RANDALL ROAD AND SULLIVAN ROAD
AURORA, ILLINOIS

PROJECT NUMBER 1735.26
DATE 3/30/89
SHEET NUMBER C1.10
OF 8 SHEETS

MATCH LINE - SEE SHT. C1.21

MATCH LINE - SEE SHT. C1.21

EXISTING SCHOOL GYMNASIUM FIN. FL. EL. = 695.89

THE CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF FIRE LINE BEFORE INSTALLING SANITARY SEWER TO ASSURE THERE IS NO CONFLICT IN ELEVATION.

EXIST. 12' WIDE CONC. SIDEWALK

ALT. BID G-2
NEW ST DRAIN
TOP = 694.50
INV = 691.50

NEW 6' CONC. SIDEWALK
ALT. BID G-3
REGRADING IN THIS AREA
IS UNDER ALT. BID G-3

NEW 6' CONC. SIDEWALK
ALT. BID G-3
AT D#1

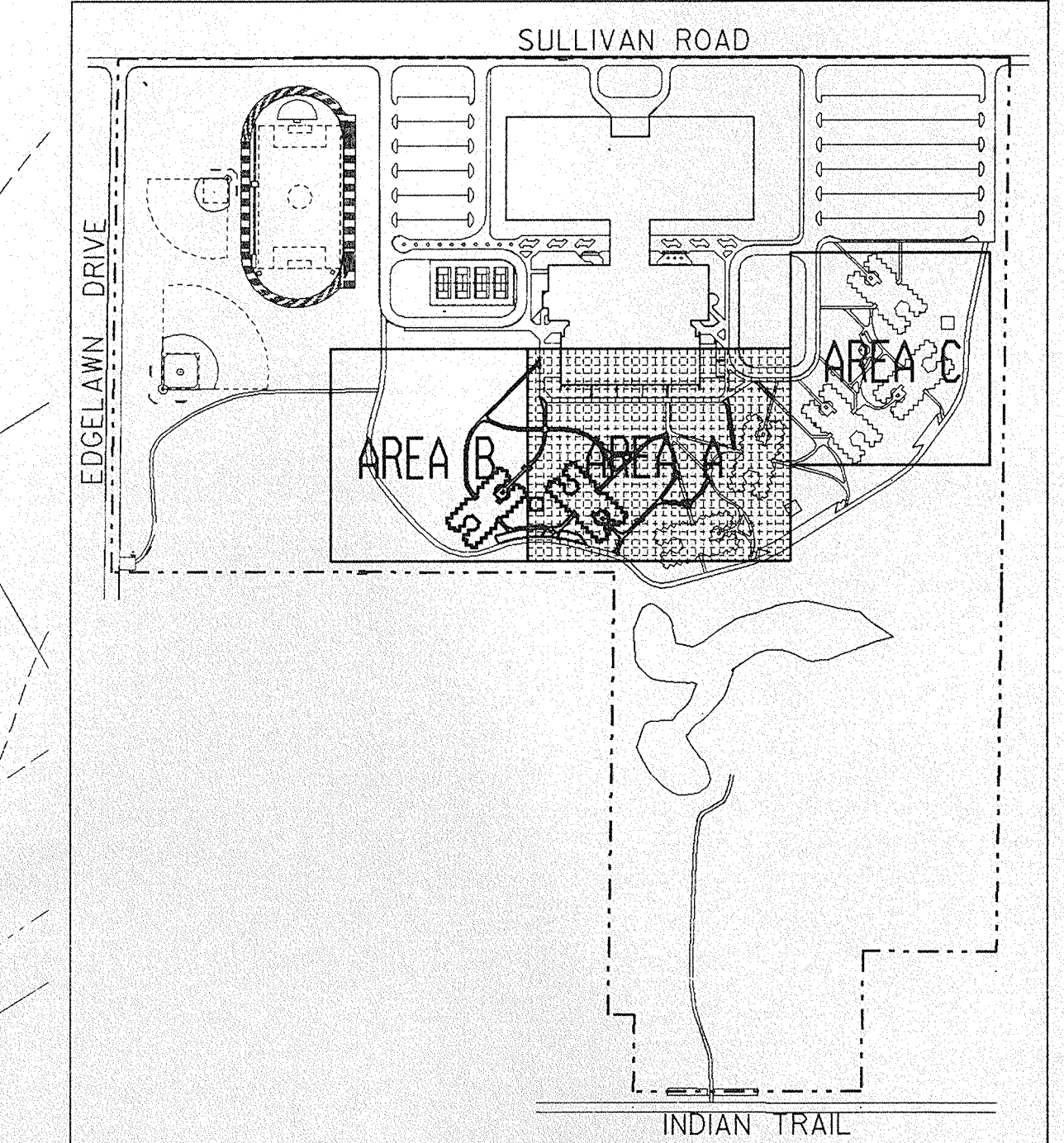
ALT. BID G-2
NC TO EXIST. 6' PVC ST LINE

NC TO EXIST. CB
AT 691.00
ALT. BID G-2

EXISTING BLDG
1504
FIRST FLOOR
696.50

ALT. BID G-2
NEW ST DRAIN
TOP = 695.90
INV-SLOPE TO EXIST.
696.2

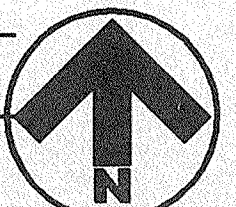
ALT. BID G-2
GRADING LIMIT LINE.
REMOVE AND SALVAGE EXIST.
SHRUBBERY NECESSARY TO
EXCAVATE. WHEN DRAINS ARE
INSTALLED REGRADE TO DRAIN.
REPLANT SHRUBS, AND SOO IN
APPROPRIATE AREAS
SEE GENERAL NOTES ON C1.21



KEY PLAN

SITE GRADING PLAN (AREA A)

SCALE: 1"=20'



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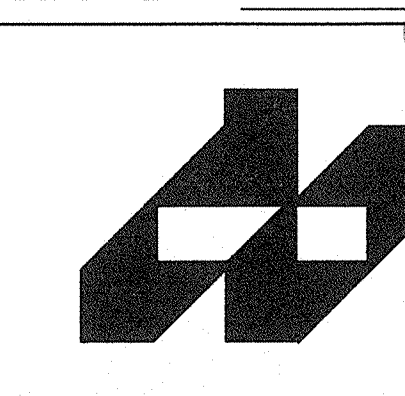
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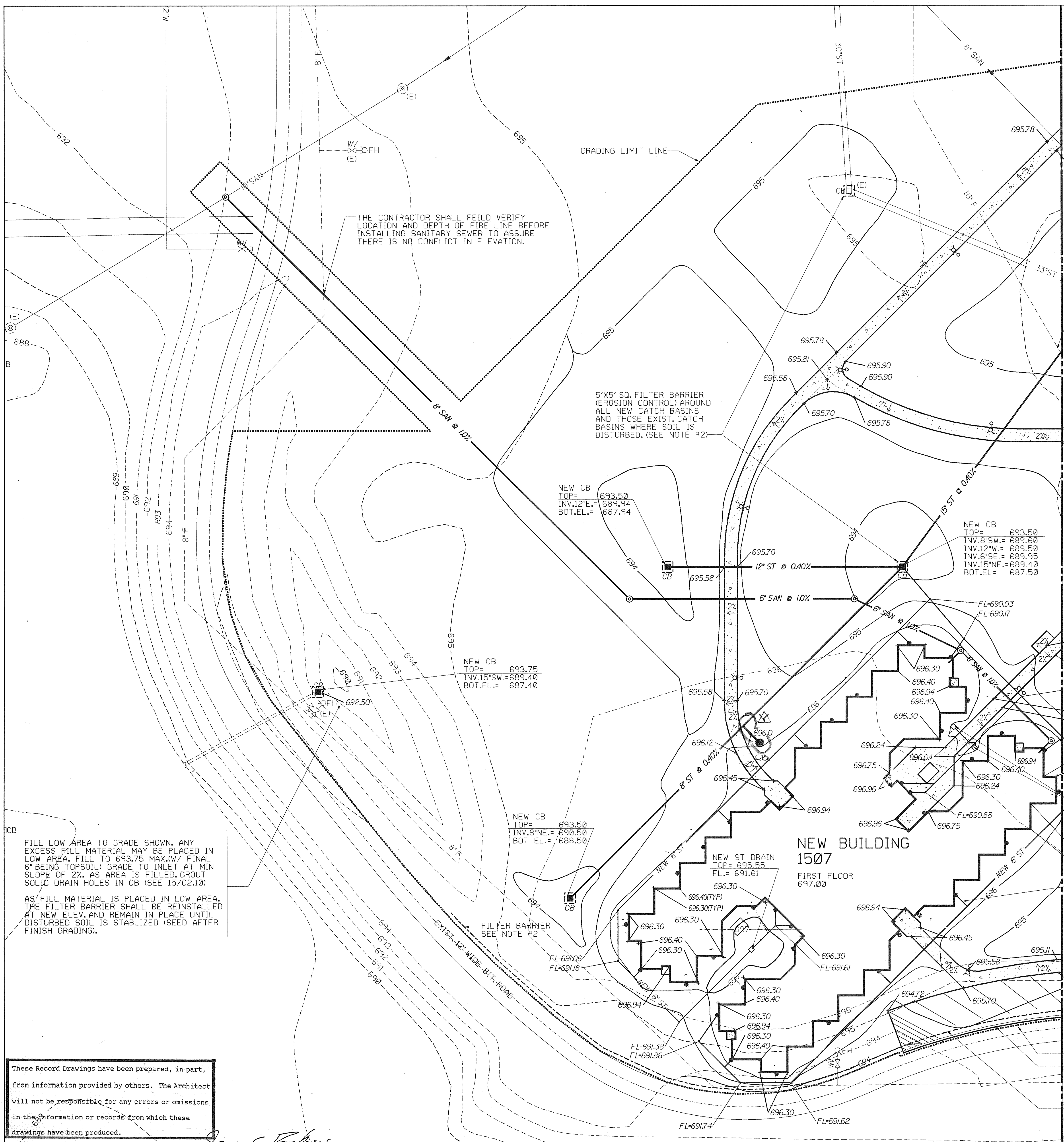
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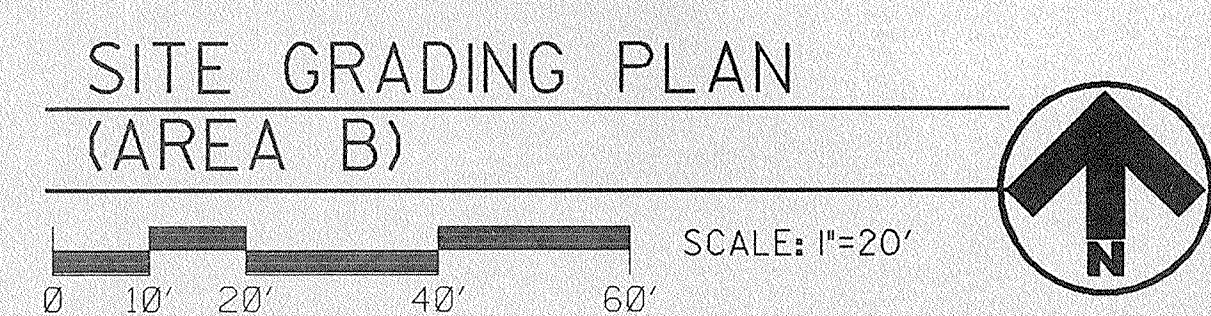
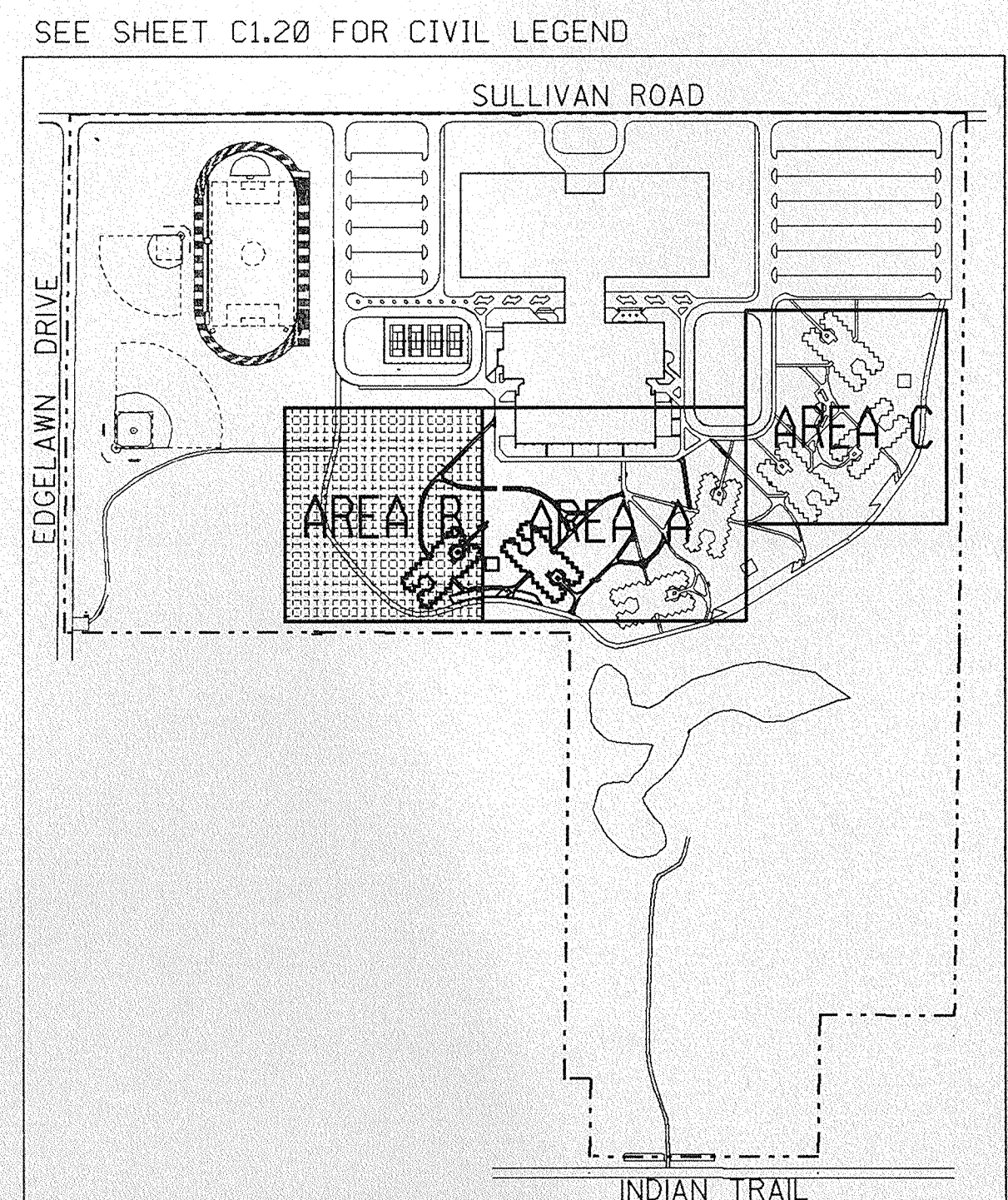


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PROJECT NUMBER 1735.26	DATE 3/30/89	SHEET NUMBER C1.20	OF 8 SHEETS
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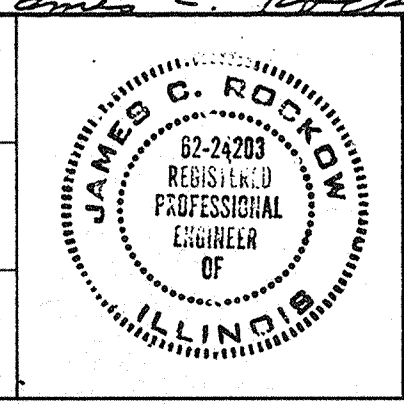


- GENERAL NOTES:**
- EXISTING UTILITY LOCATIONS ARE TO BE FIELD VERIFIED BY THE CONTRACTOR BEFORE EXCAVATING CONTACT J.U.L.I.E. AT 1(800)892-0123
 - FILTER BARRIER IS TO BE INSTALLED ON THE DOWNSLOPE SIDE OF CONSTRUCTION SITE AND AROUND CATCH BASINS. SEE SPEC. SECTION 01560 FOR MATERIAL AND INSTALLATION PROCEDURE.
 - ALL DISTURBED AREAS ARE TO BE FINISH GRADED WITH A MINIMUM OF 6" OF TOPSOIL (SEE SPECS)



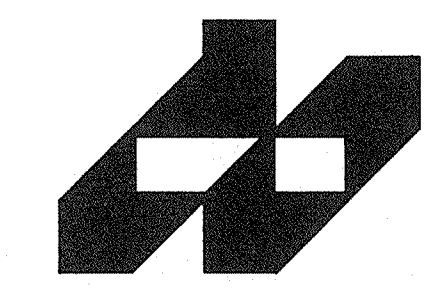
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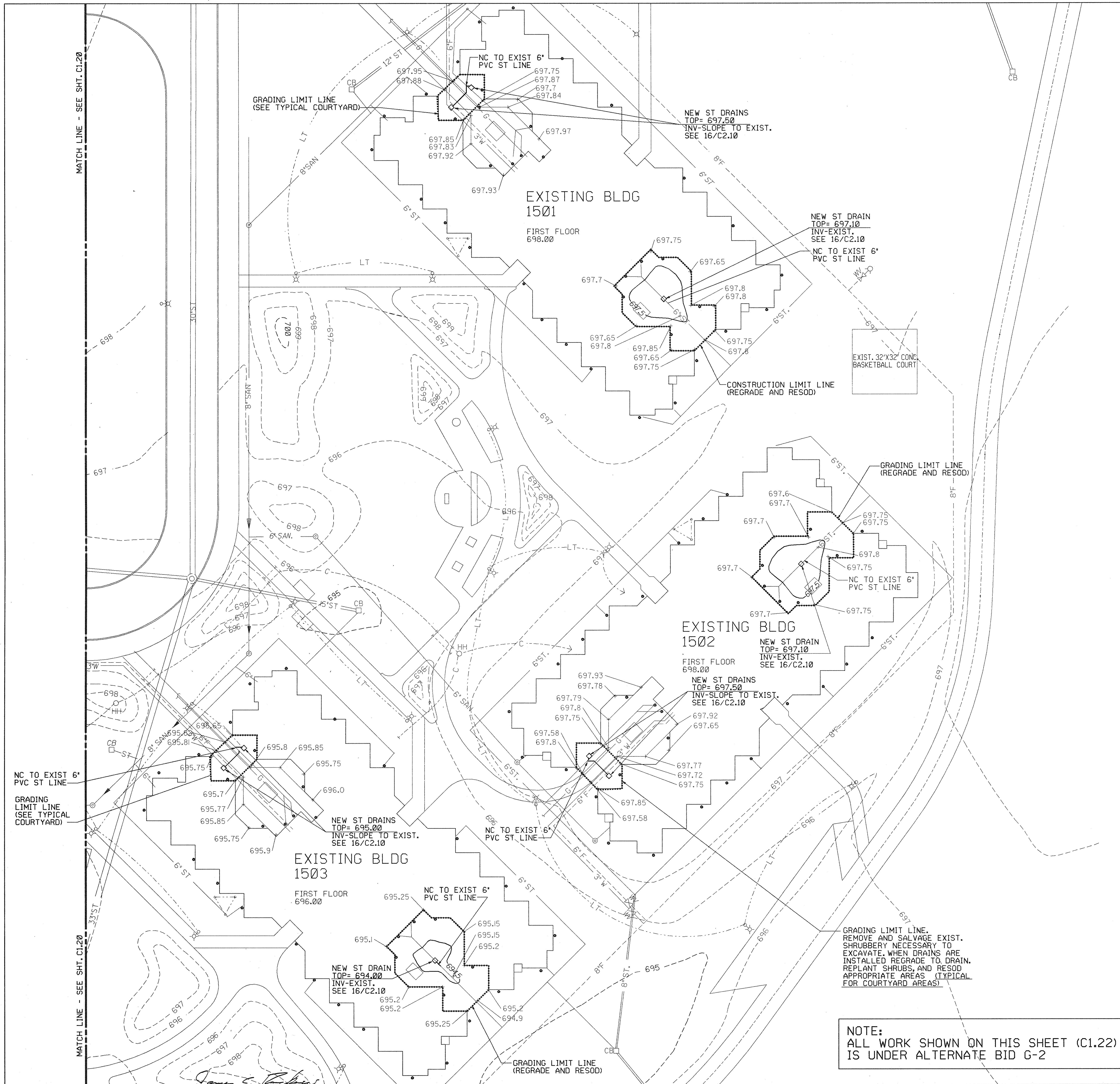
CAPITAL DEVELOPMENT BOARD

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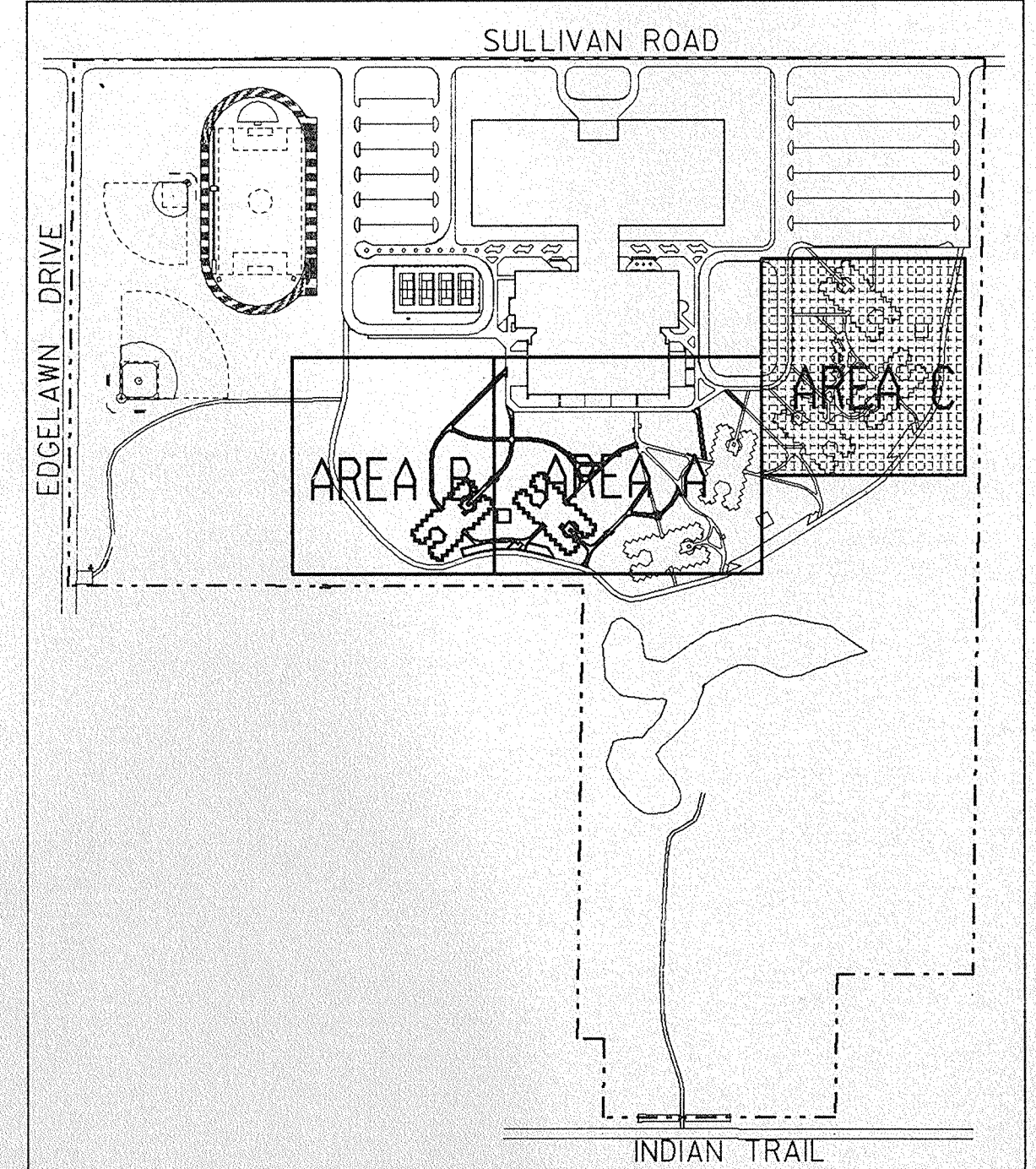
SITE GRADING PLAN (AREA B)

ILLINOIS MATHEMATICAL AND SCIENCE ACADEMY
PHASE 8 - STUDENT HOUSING
RANDALL ROAD AND SULLIVAN ROAD
AURORA, ILLINOIS

PROJECT NUMBER	1735.26
DATE	3/ 30/ 89
SHEET NUMBER	C1.21
OF 8 SHEETS	

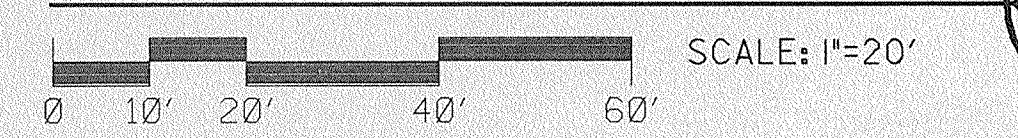


NOTE:
THE CONTRACTOR SHALL REGRADE AND RESOD
ANY AREA WHICH IS DISTURBED WHILE
ACCESSING CONSTRUCTION AREAS ON SITE.
SEE SHEET C1.20 FOR CIVIL LEGEND



KEY PLAN

DRAINAGE IMPROVEMENTS
(AREA C)

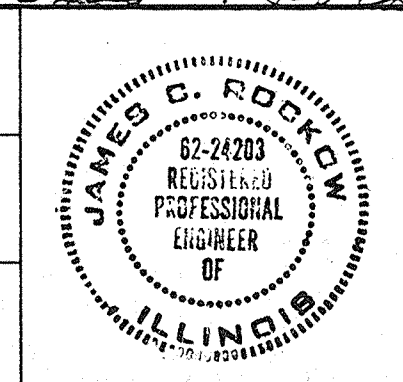


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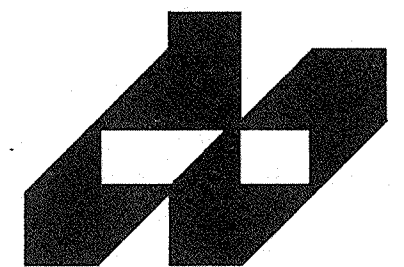
NOTE:
ALL WORK SHOWN ON THIS SHEET (C1.22)
IS UNDER ALTERNATE BID G-2

REVISIONS		DATE	REMARKS
NO.	DATE	REMARKS	
1	12/3/92	REVISED PER RECORD DRAWINGS	

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APPROV.	JCR

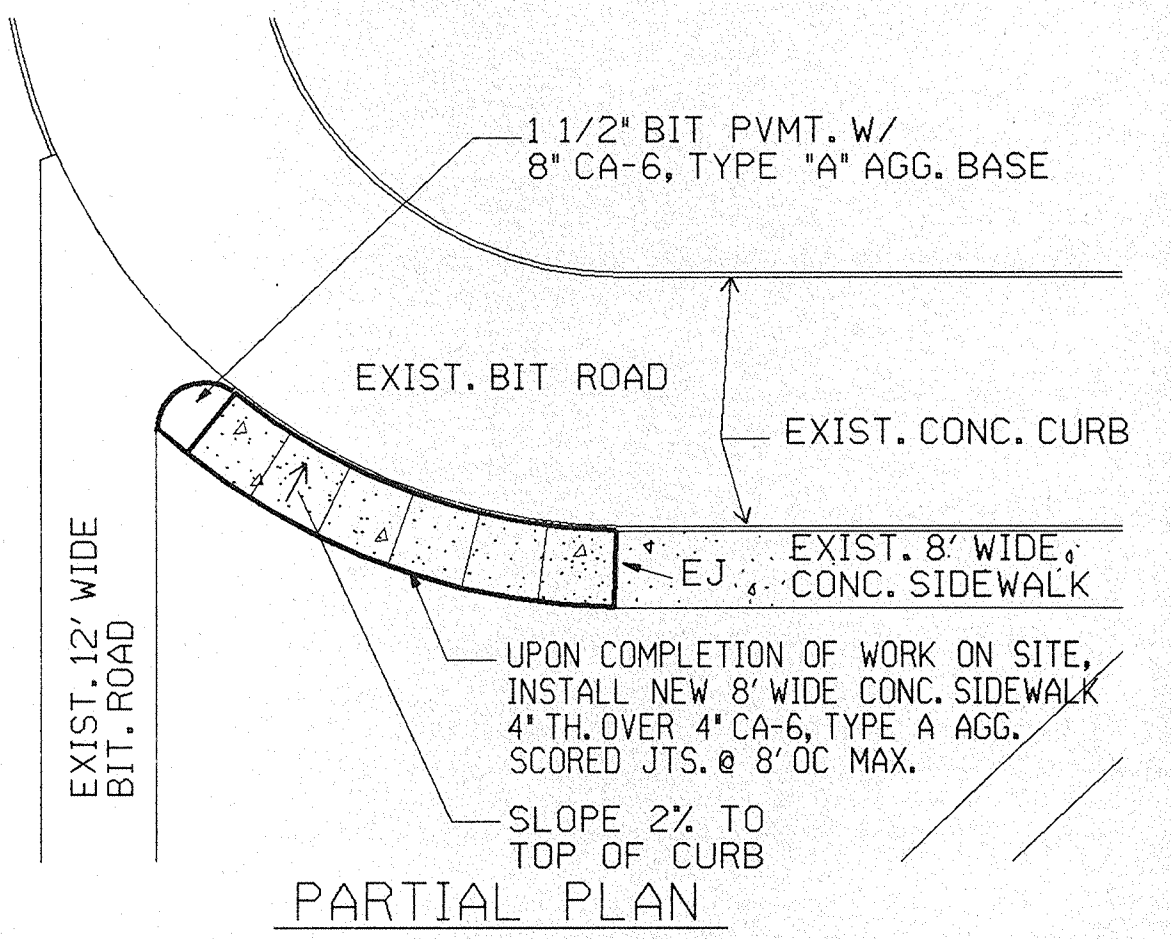


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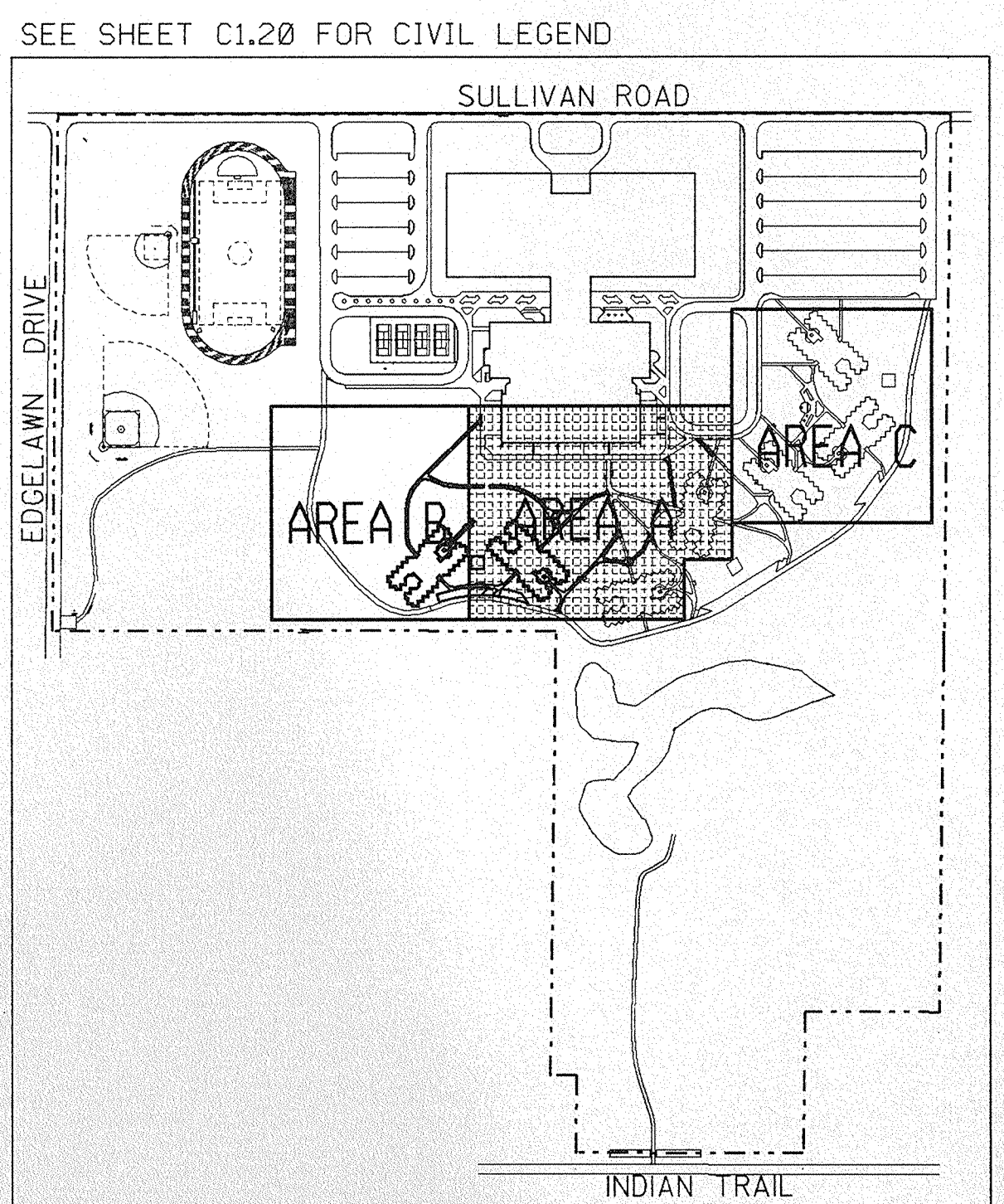


STATE OF ILLINOIS
CAPITAL DEVELOPMENT BOARD
C.D.B. PROJECT NUMBER 759-050-001 PH 8

DRAINAGE IMPROVEMENT PLAN (AREA C)		PROJECT NUMBER 1735.26
ILLINOIS MATHEMATICAL AND SCIENCE ACADEMY PHASE 8 - STUDENT HOUSING		DATE 3/30/89
RANDALL ROAD AND SULLIVAN ROAD AURORA, ILLINOIS		SHEET NUMBER C1.22
		OF 8 SHEETS



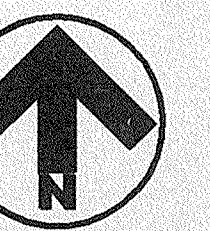
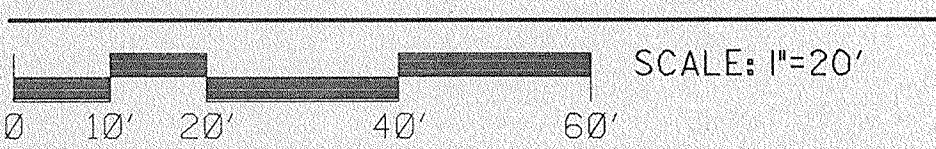
NEW ST DRAINS
SEE 16/C2.10
ALT. BID G-3



KEY PLAN


SITE DEVELOPMENT PLAN

(AREA A)



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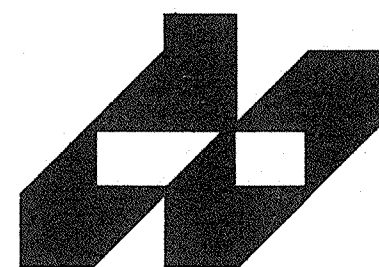
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SITE DEVELOPMENT PLAN (AREA A)

ILLINOIS MATHEMATICAL AND SCIENCE ACADEMY
PHASE 8 - STUDENT HOUSING

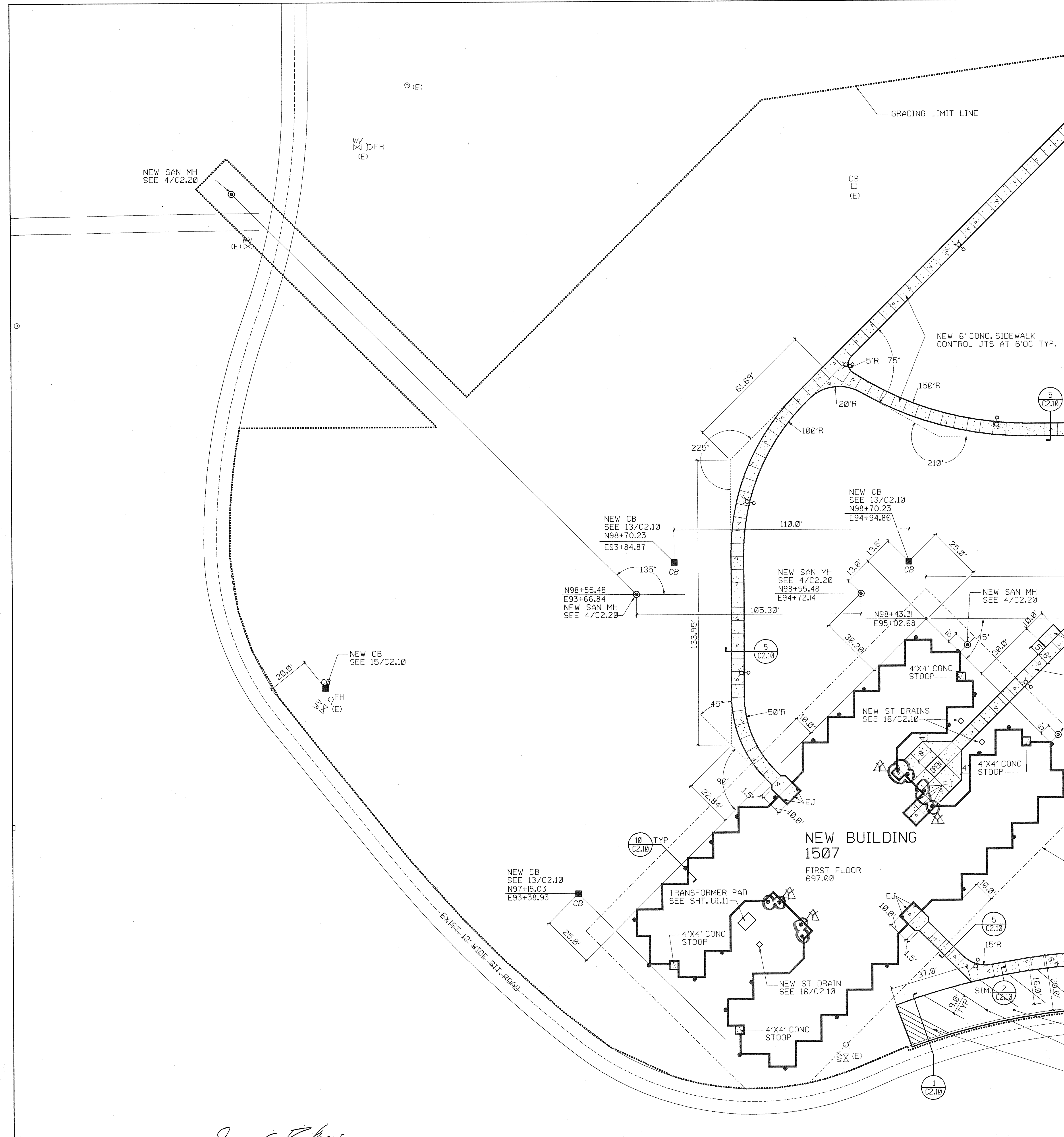
RANDALL ROAD AND SULLIVAN ROAD
AURORA, ILLINOIS

PROJECT NUMBER
1735.26

DATE
3/ 30/ 89

SHEET NUMBER
C1.30

OF 8 SHEETS

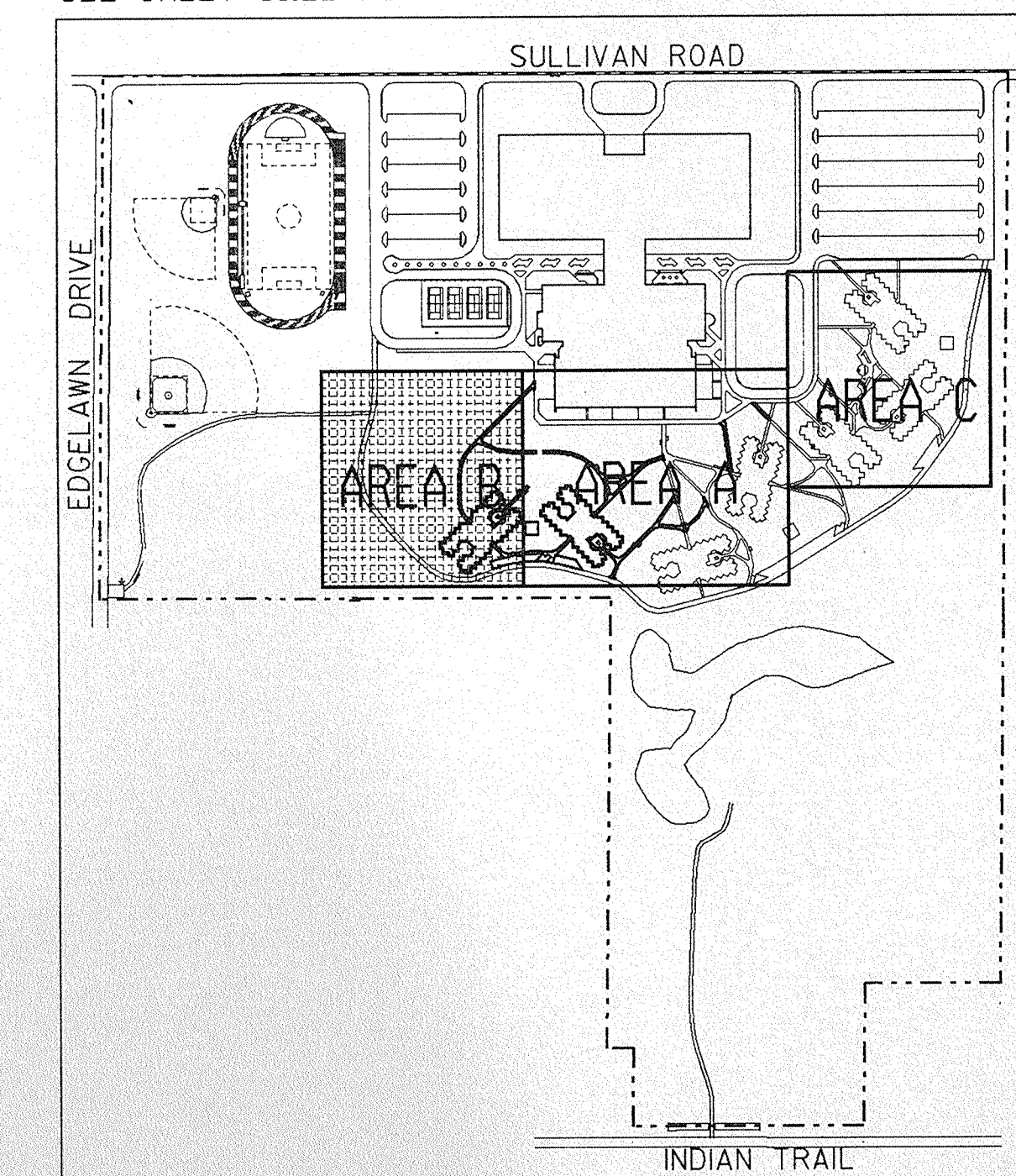


WEST FACE OF GYMNASIUM

NI00+00.00
 E96+52.00

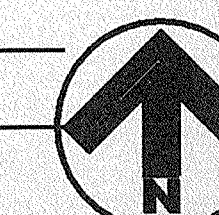
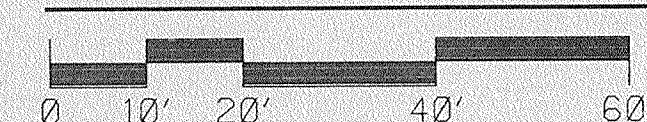
N-S BASE LINE (SOUTH EDGE OF SIDEWALK)

SEE SHEET C1.20 FOR LEGEND



KEY PLAN

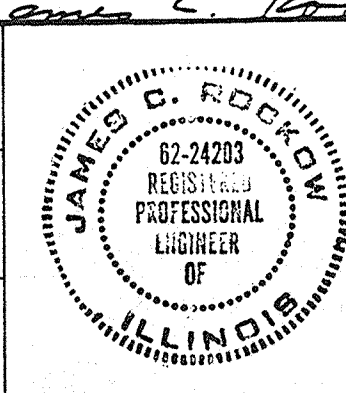
SITE DEVELOPMENT PLAN (AREA B)



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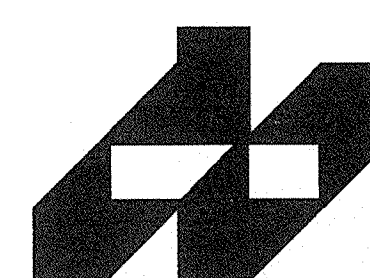
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MKH	MKH
TRACED	APROV.
	JCR
CHECKED	APROV.
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STATE OF ILLINOIS
CAPITAL DEVELOPMENT BOARD
C.D.B. PROJECT NUMBER 759-050-001 PH 8

SITE DEVELOPMENT PLAN (AREA B)

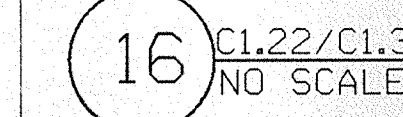
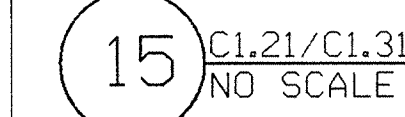
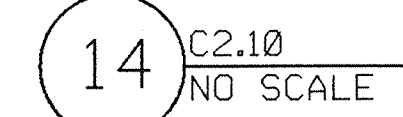
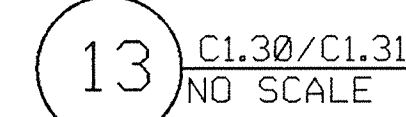
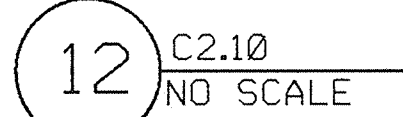
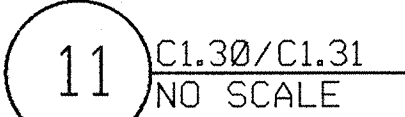
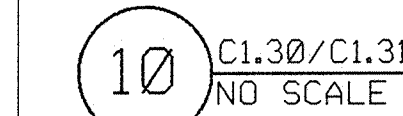
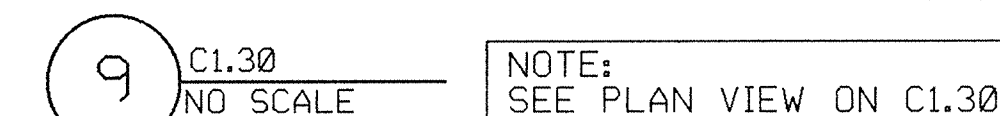
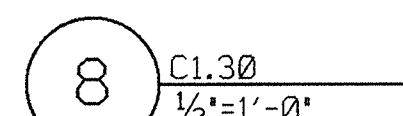
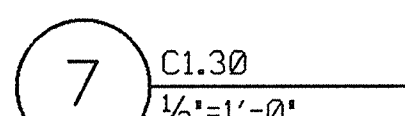
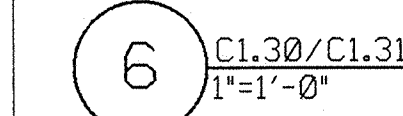
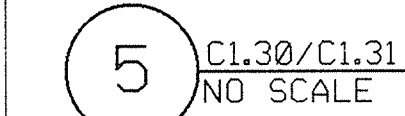
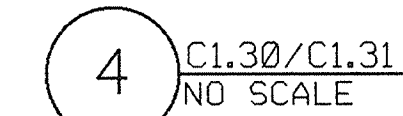
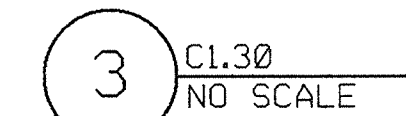
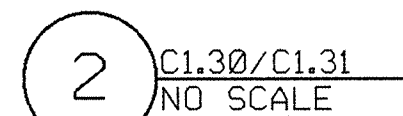
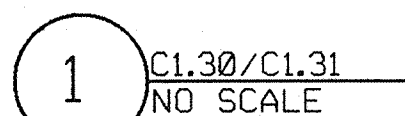
ILLINOIS MATHEMATICAL AND SCIENCE ACADEMY
PHASE 8 - STUDENT HOUSING
RANDALL ROAD AND SULLIVAN ROAD
AURORA, ILLINOIS



PROJECT NUMBER
1735.26

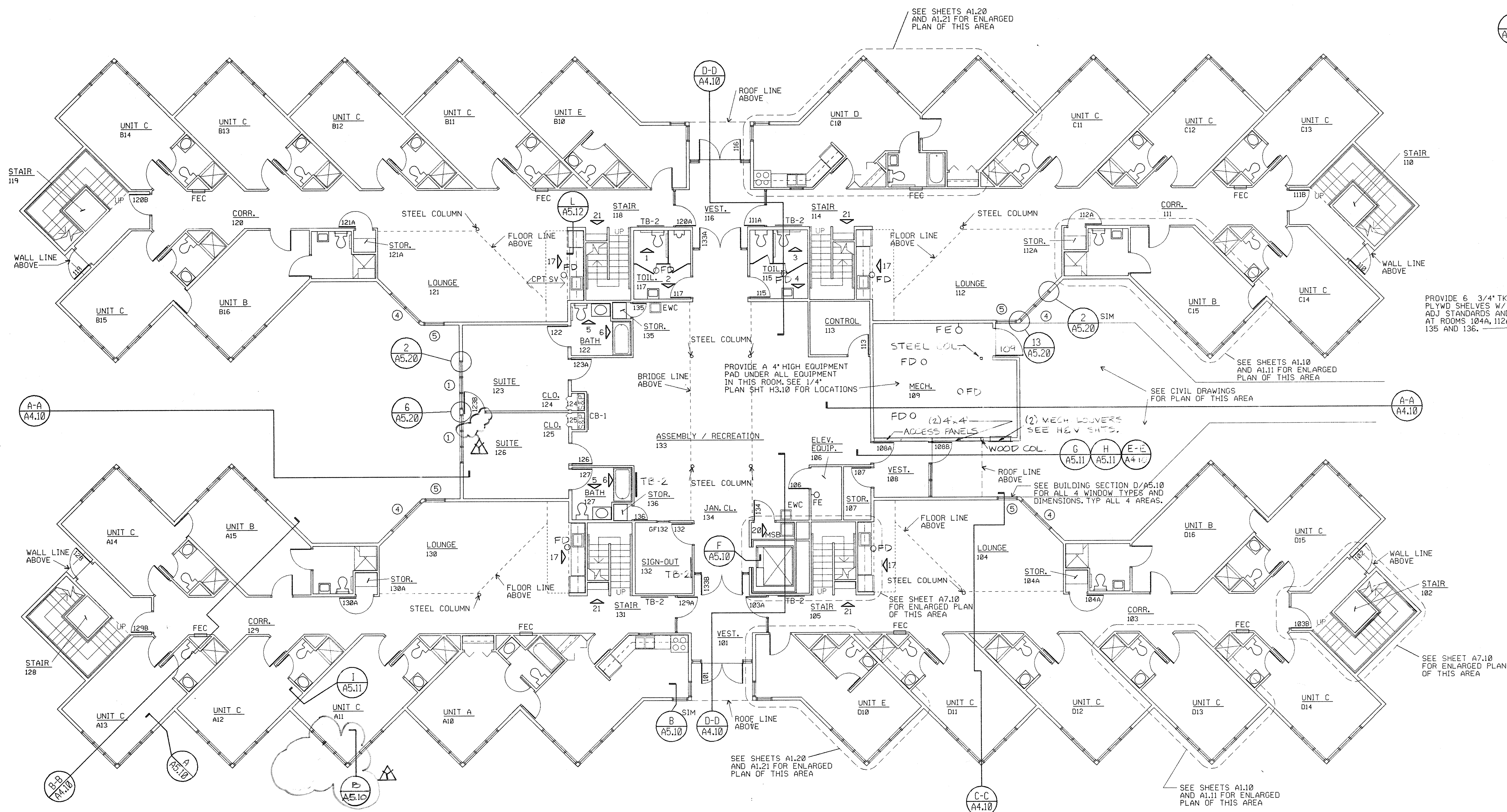
DATE
3/ 30/ 89

SHEET NUMBER
C1.31

OF 8 SHEETS

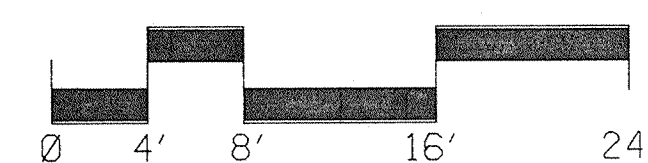


REVISIONS NO. DATE REMARKS 12/3/92 REVISED PER RECORD DRAWINGS				DRAWN MKH TRACED CHECKED JCR	PREP. JAMES C. ROEDY JAMES C. ROEDY 62-24203 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS	Architects Engineers Planners 1771 W. Dickl Road Naperville, Illinois 60540 (312) 985-5445  Phillips Swager Associates	 STATE OF ILLINOIS CAPITAL DEVELOPMENT BOARD C.D.B. PROJECT NUMBER 759-050-001 PH 8	STORM SEWER AND SITE DETAILS ILLINOIS MATHEMATICAL AND SCIENCE ACADEMY PHASE 8 - STUDENT HOUSING RANDALL ROAD AND SULLIVAN ROAD AURORA, ILLINOIS	PROJECT NUMBER 1735.26 DATE 3/ 30/ 8 SHEET NUMBER C2.10 OF 8 SHEETS
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MAIN FLOOR PLAN

1/8" = 1'-0"

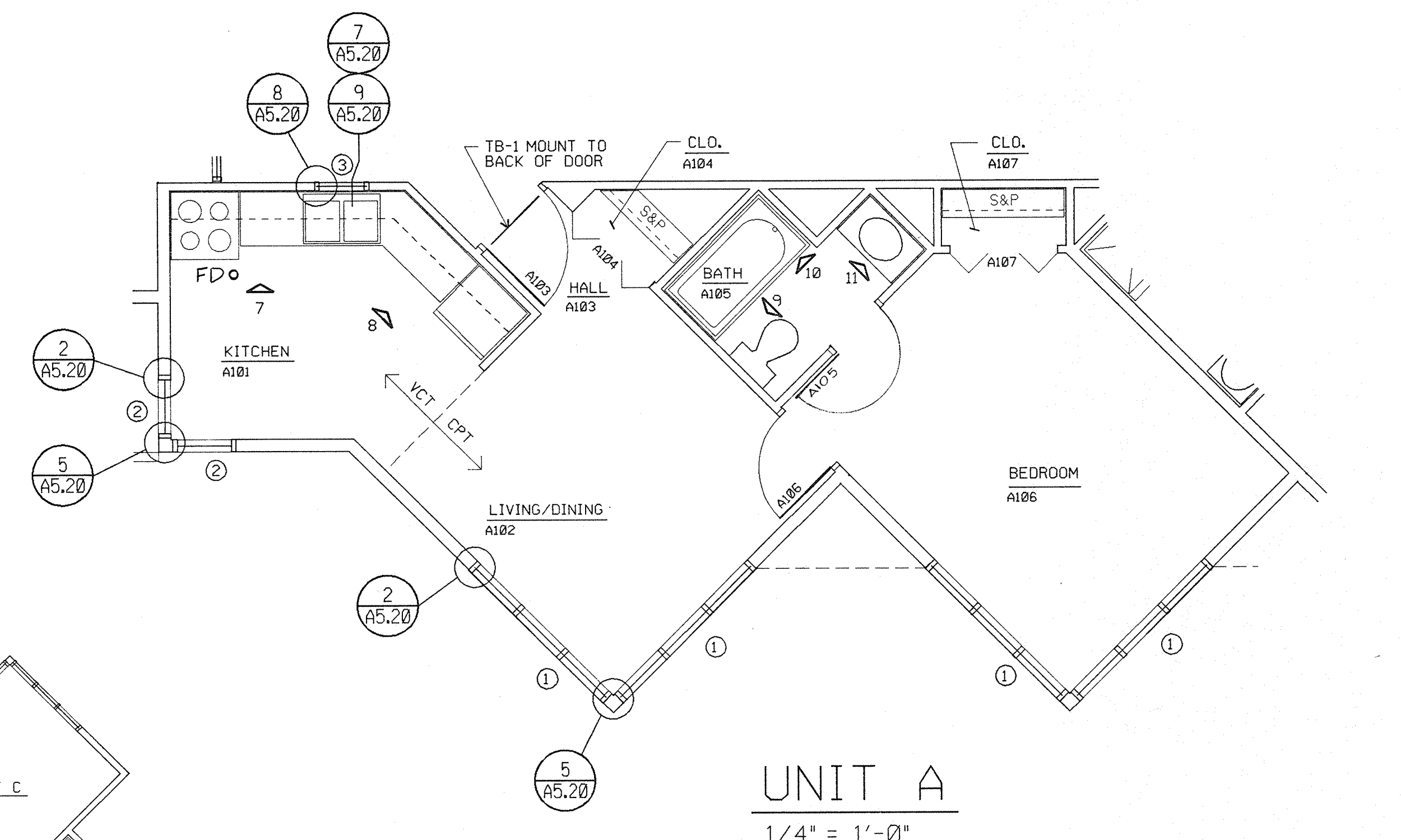


NOTES:

- SEE SHEET A1.11 FOR DIMENSIONS AND WALL PARTITION INDICATORS.
- SEE SHEET A1.21 FOR WALL PARTITION TYPES.

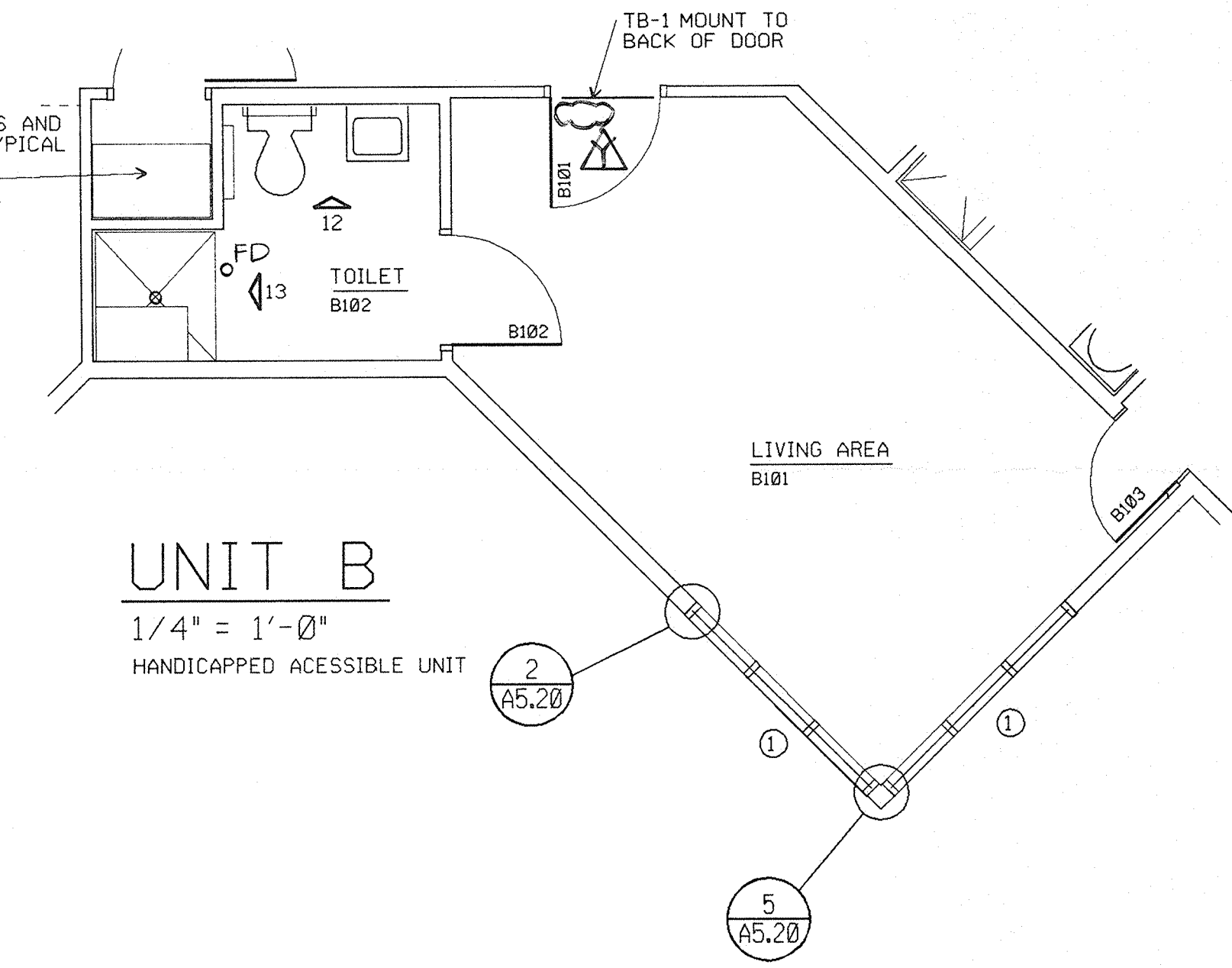
FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
①	WINDOW TYPE - SEE SHEET A5.20
[ENCLOSURE]	FOR AREAS ENCLOSED THUS, SEE ENLARGED PLANS ON SHEETS A1.10, A1.11, A1.20, A1.21, AND A7.10
▲	SEE CORRESPONDING ELEVATIONS ON SHEET A9.10 FOR ADDITIONAL DETAIL
○ FD	FLOOR DRAIN
□ FEC	RECESSED FIRE EXTINGUISHER CABINET AND EXTINGUISHER
— FE	WALL MOUNTED FIRE EXTINGUISHER
□ EWC	ELECTRIC WATER COOLER
S&P	SHELF AND POLE
CB-1 TB-1	TACKBOARD OR CHALKBOARD SEE SIZE AND MOUNTING SCHEDULE ON SHEET A9.10
AP	ACCESS PANEL
□ MSB	MOP SINK BASIN



UNIT A

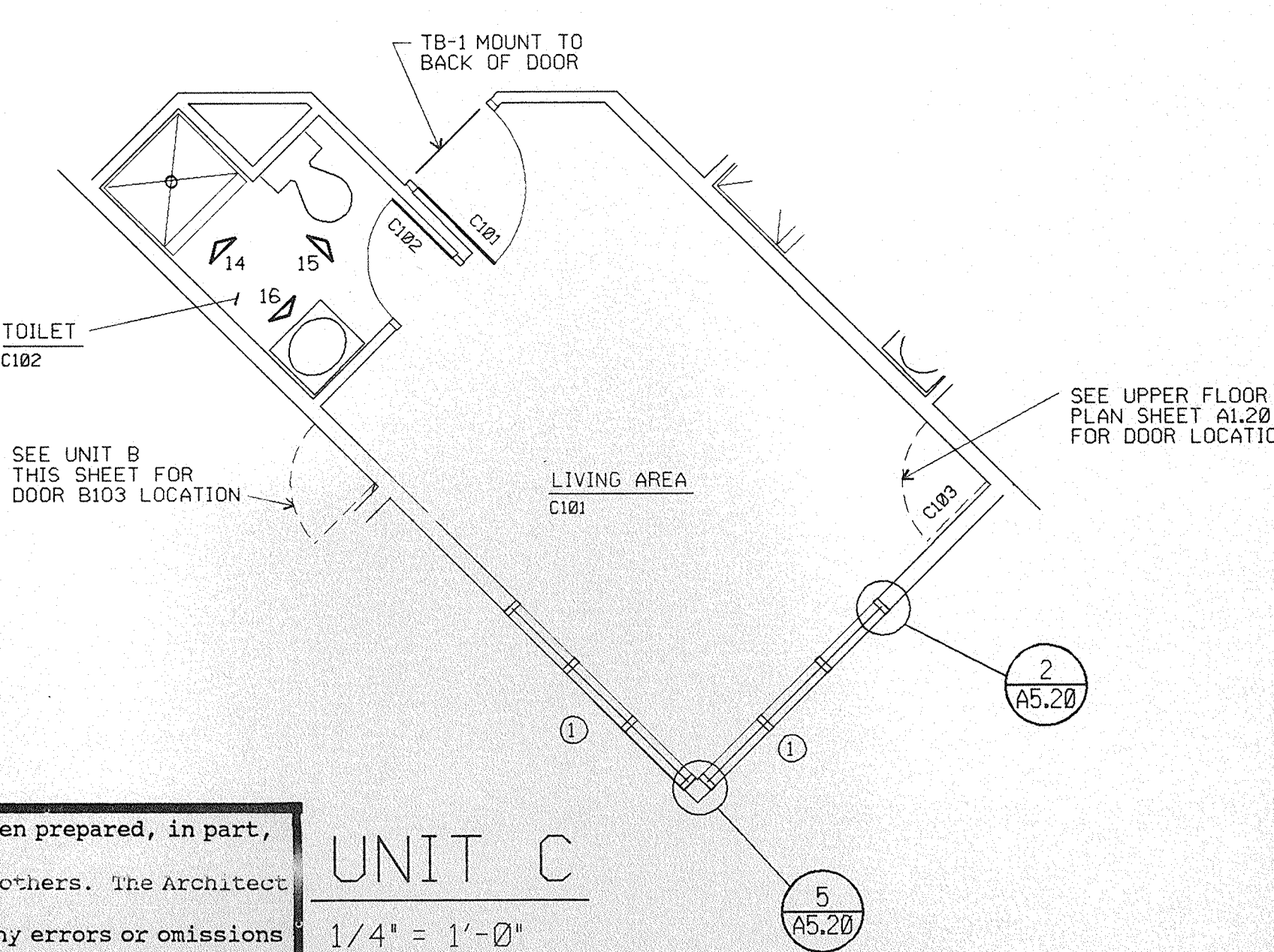
1/4" = 1'-0"



UNIT B

1/4" = 1'-0"

HANDICAPPED ACCESSIBLE UNIT

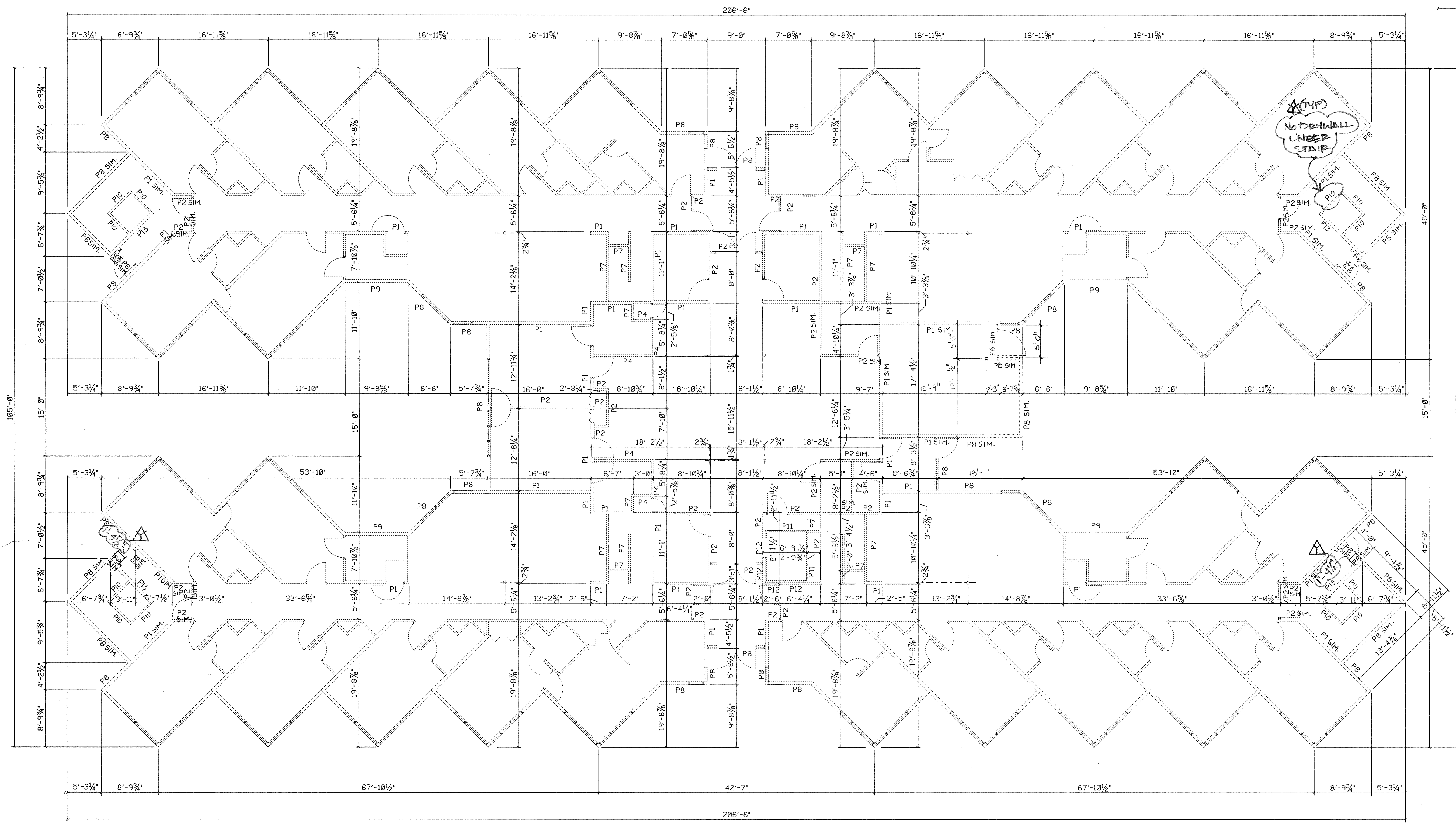


UNIT C

1/4" = 1'-0"

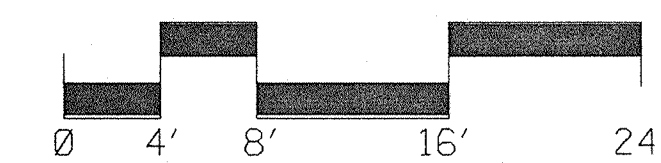
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REVISIONS NO. DATE REMARKS 12/3/82 REVISED PER RECORD DRAWINGS		DRAWN BRH PREP. BRH TRACED BRH CHECKED BRH APPROV. APPROV.			Architects Engineers Planners 1771 W. Diehl Road Naperville, Illinois 60540 (312) 985-5445		STATE OF ILLINOIS CAPITAL DEVELOPMENT BOARD C.D.B. PROJECT NUMBER 759-050-001 PH8	MAIN FLOOR AND UNIT PLANS ILLINOIS MATHEMATICS AND SCIENCE ACADEMY PHASE 8 - STUDENT HOUSING RANDALL ROAD AND SULLIVAN ROAD AURORA, ILLINOIS	PROJECT NUMBER 1735.26 DATE 2-30-89 SHEET NUMBER A1.10 OF 15 SHEETS
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MAIN FLOOR WALL CONSTRUCTION PLAN

1/8" = 1'-0"

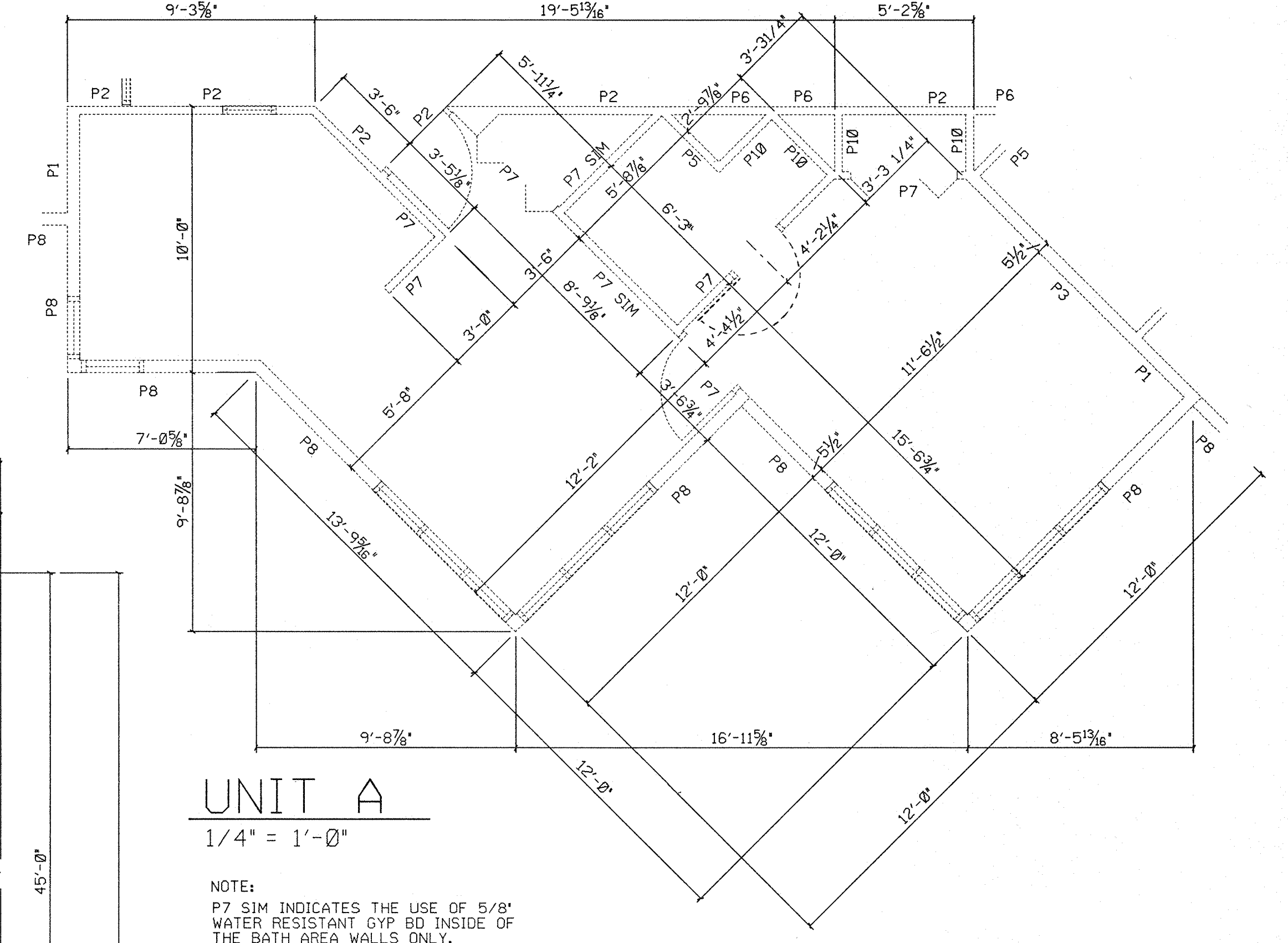


NOTES:

1. DIMENSIONS ARE TO FACE OF STUD.
2. LOCATION OF WALL PARTITION TYPE INDICATES WHAT SIDE OF THE WALL THE RESILIENT FURRING CHANNELS OR SINGLE FACED GYPSUM WALLBOARD OCCUR LAYING OUT ANY WALL LINES.
3. SEE SHEET A1.21 FOR WALL PARTITION TYPES

4. GENERAL CONTRACTOR TO VERIFY WITH ALL MECHANICAL CONTRACTORS AND THE ARCHITECT ALL OF THE REQUIRED ROUGH-OPENING DIMENSIONS FOR ALL PLUMBING, HVAC, AND ELECTRICAL EQUIPMENT BEFORE LAYING OUT ANY WALL LINES.
5. P10 SIM. INDICATES NO 1/2" RESILIENT FURRING REQ'D.
6. P1 SIM, P2 SIM, & P8 SIM. INDICATES THE USE OF 5/8" TYPE 'X' GYP. BD. ON WALLS SHOWN FOR 1 HR. FIRE RATING.

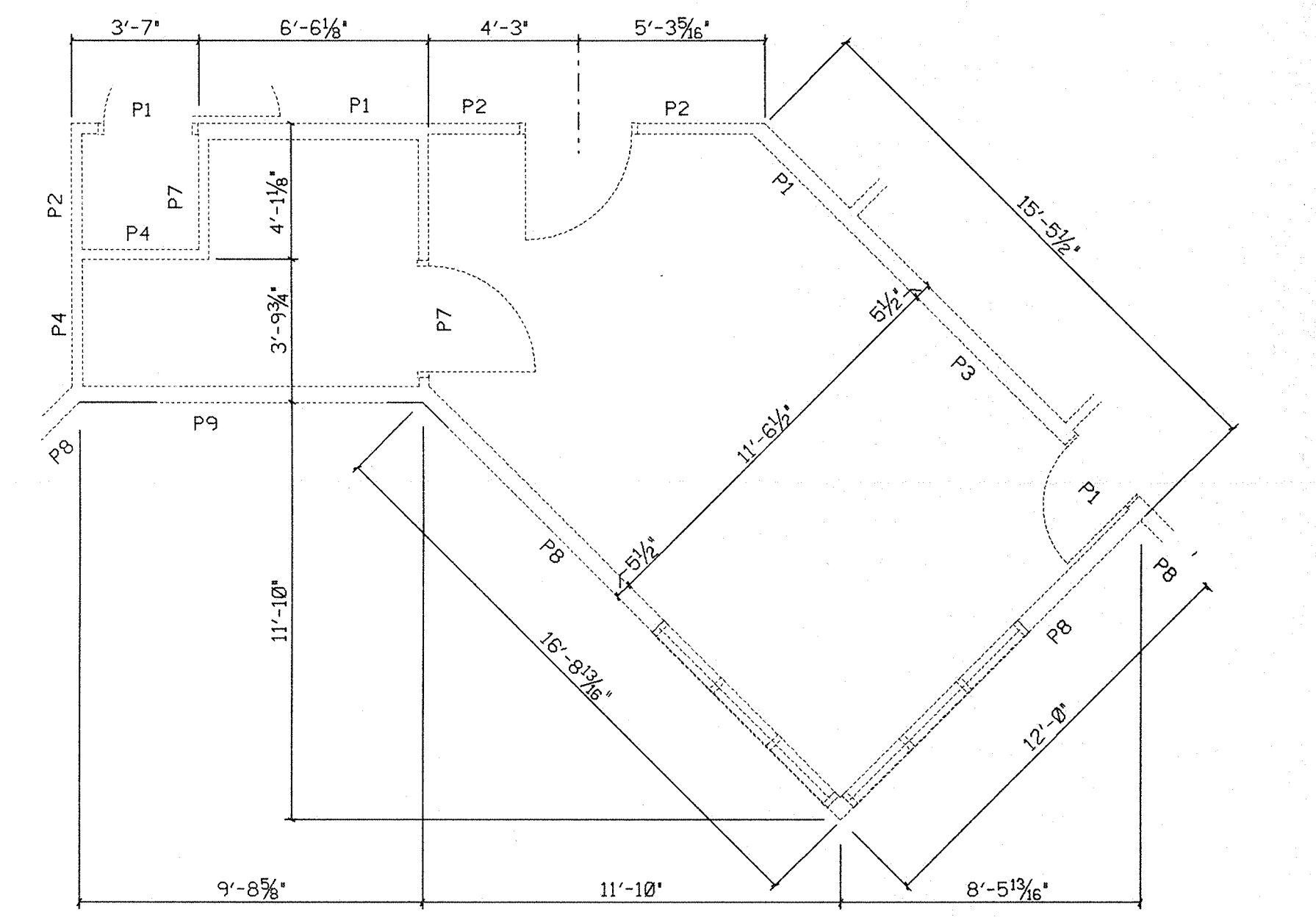
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UNIT A

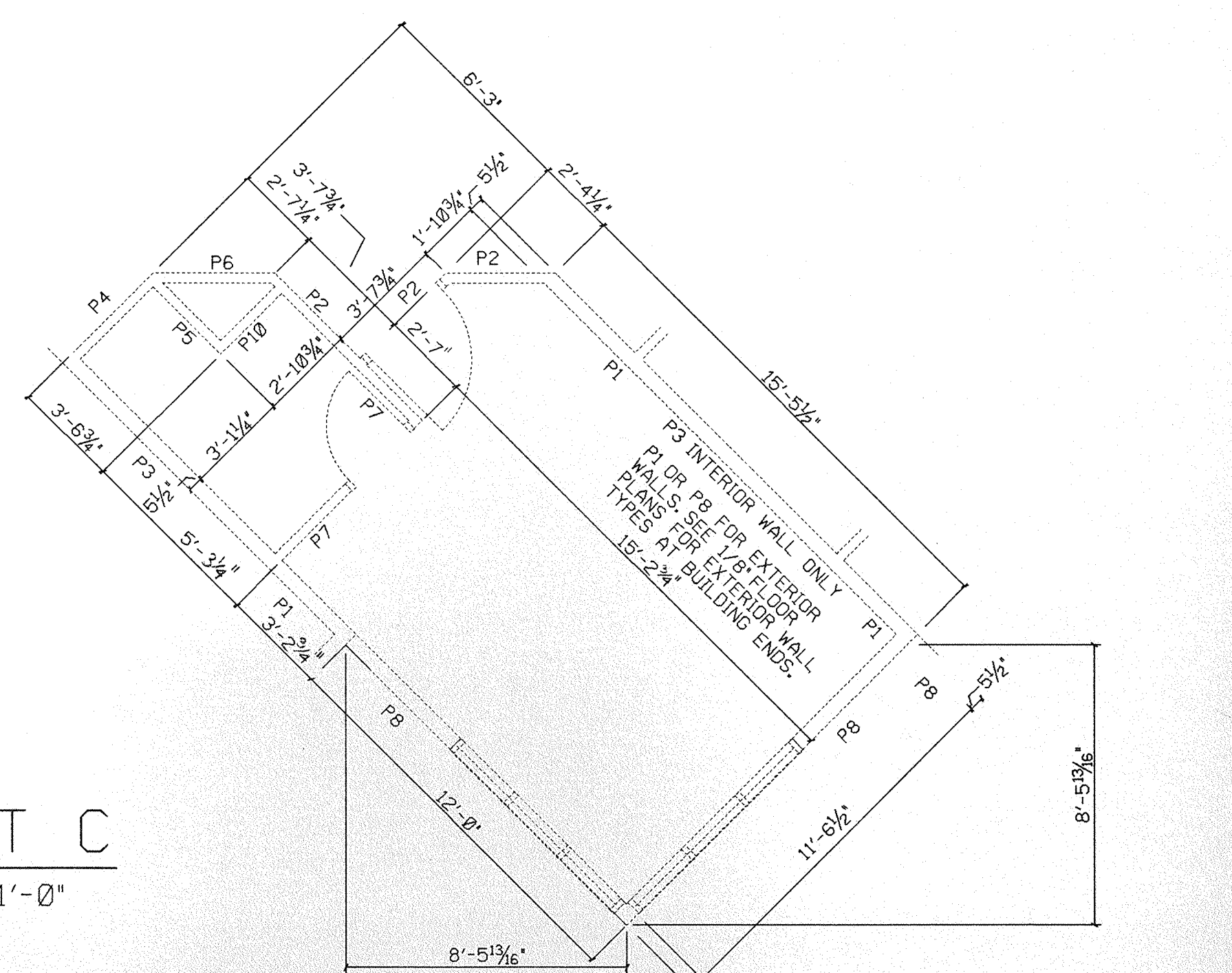
1/4" = 1'-0"

NOTE:
P7 SIM INDICATES THE USE OF 5/8" WATER RESISTANT GYP BD INSIDE OF THE BATH AREA WALLS ONLY.



UNIT B





1/4" = 1'-0"

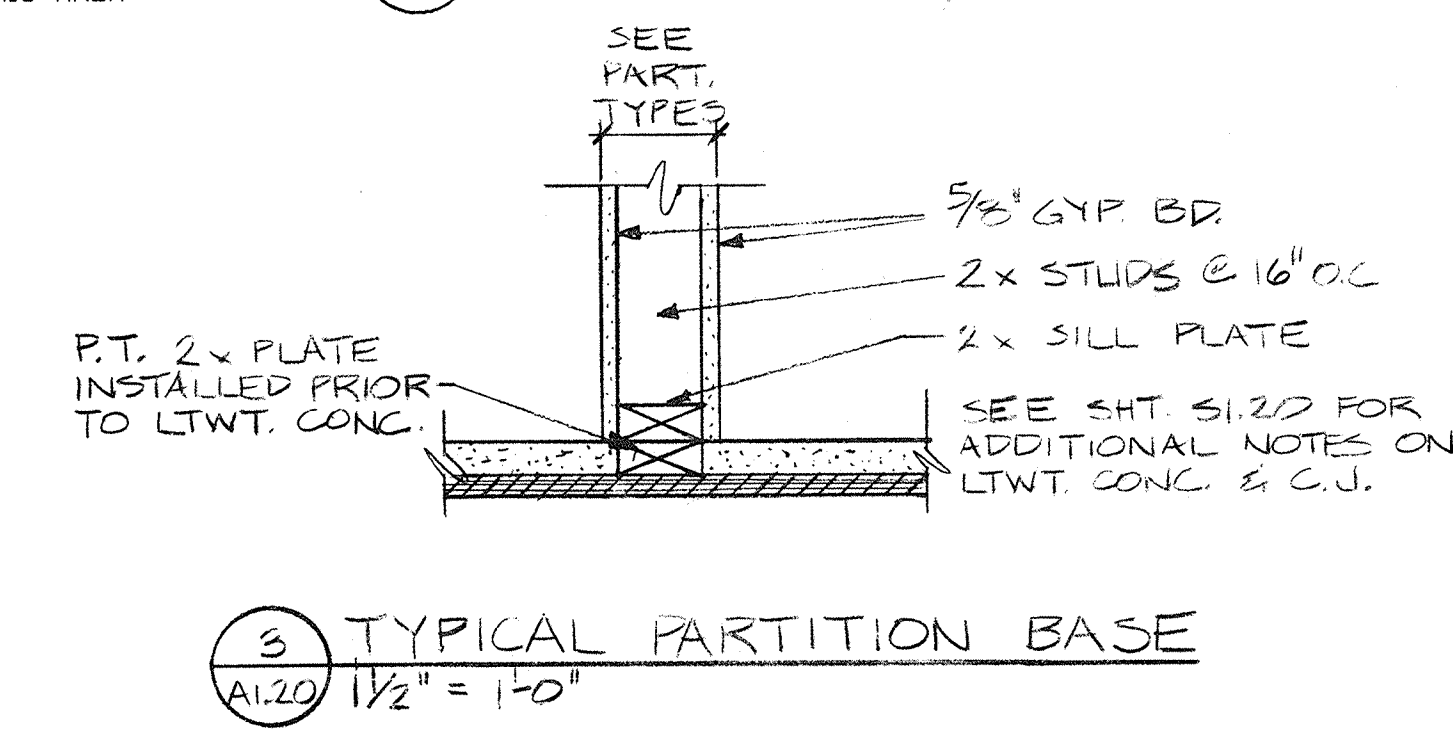
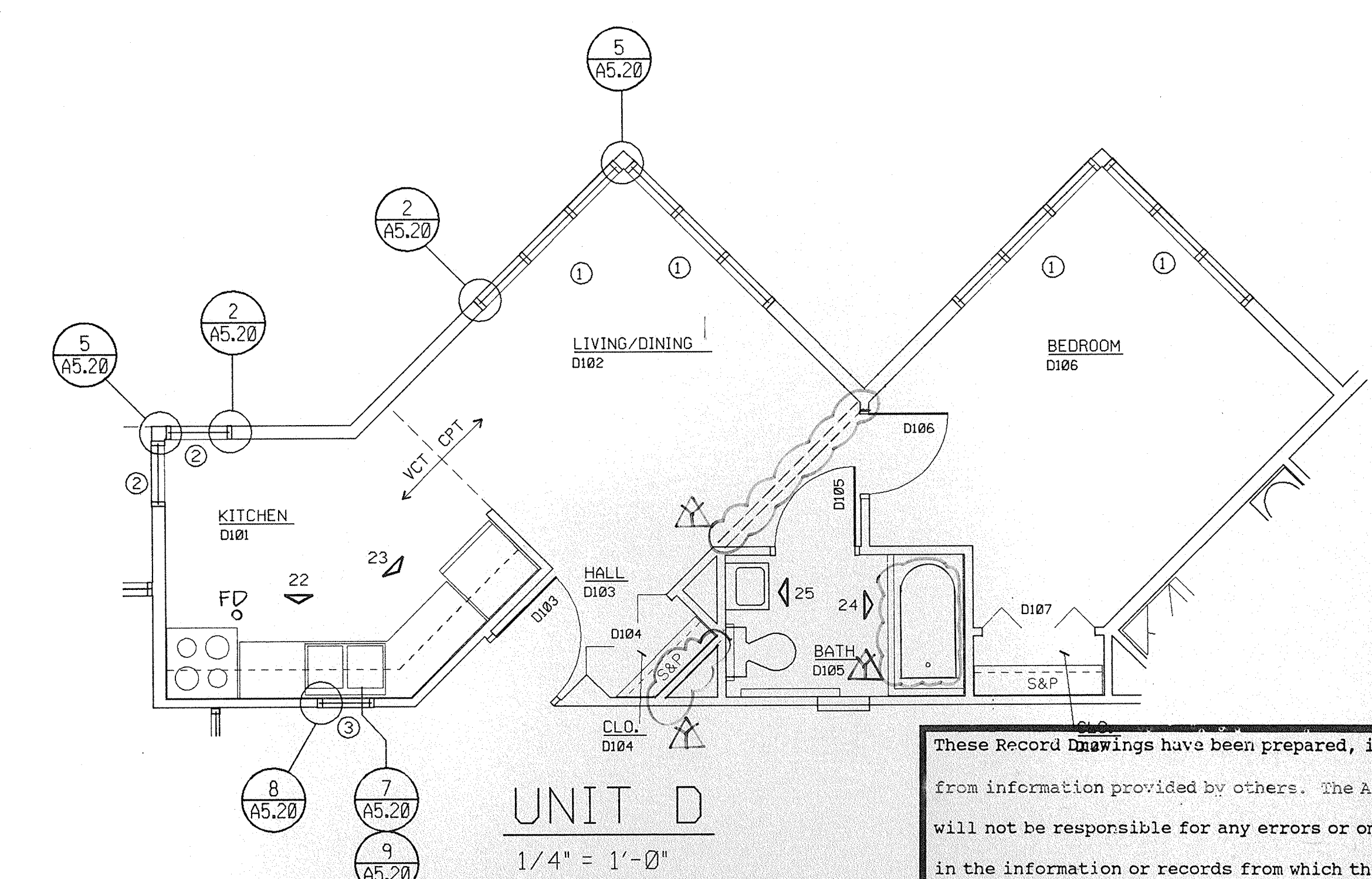
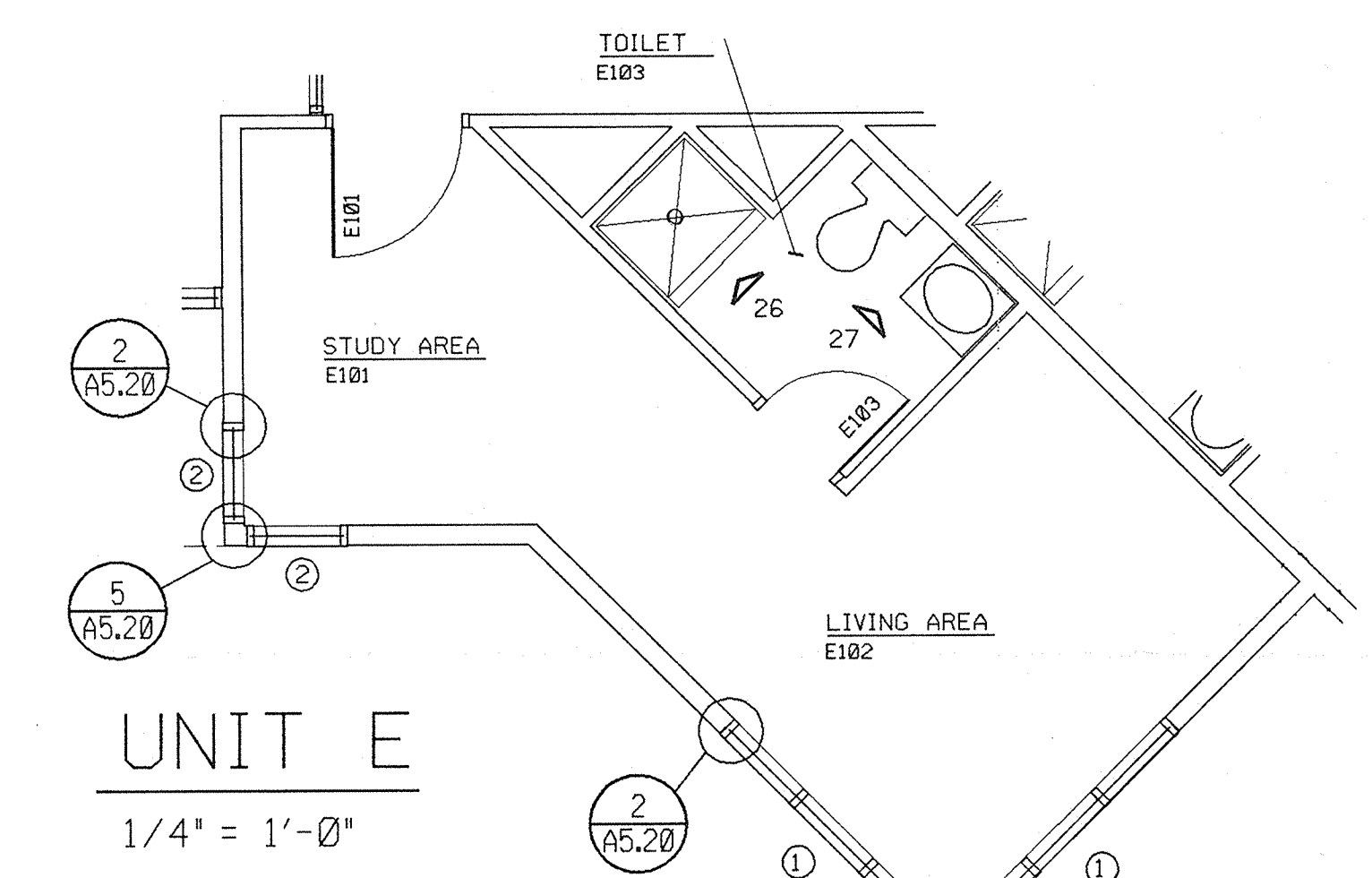
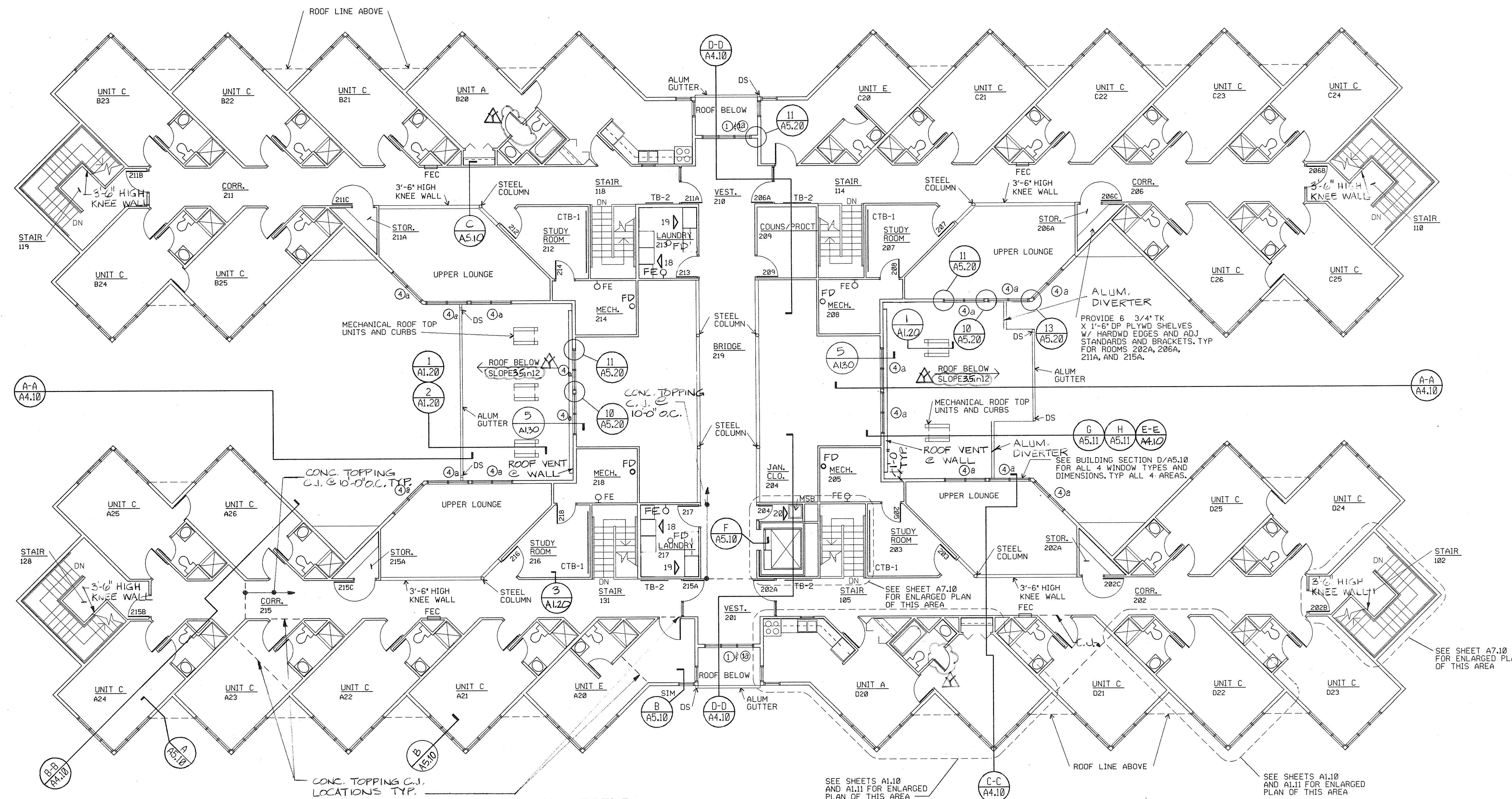
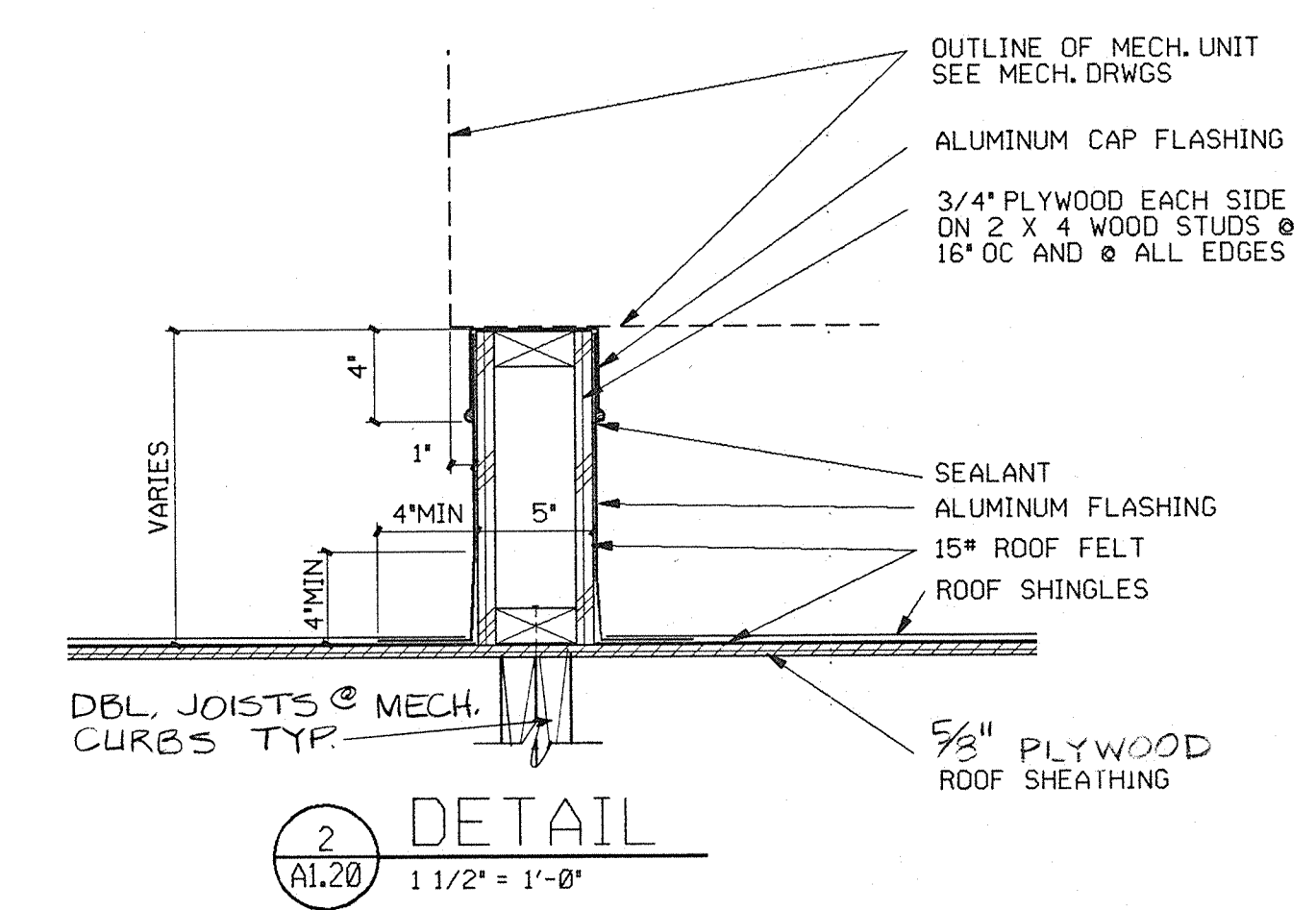
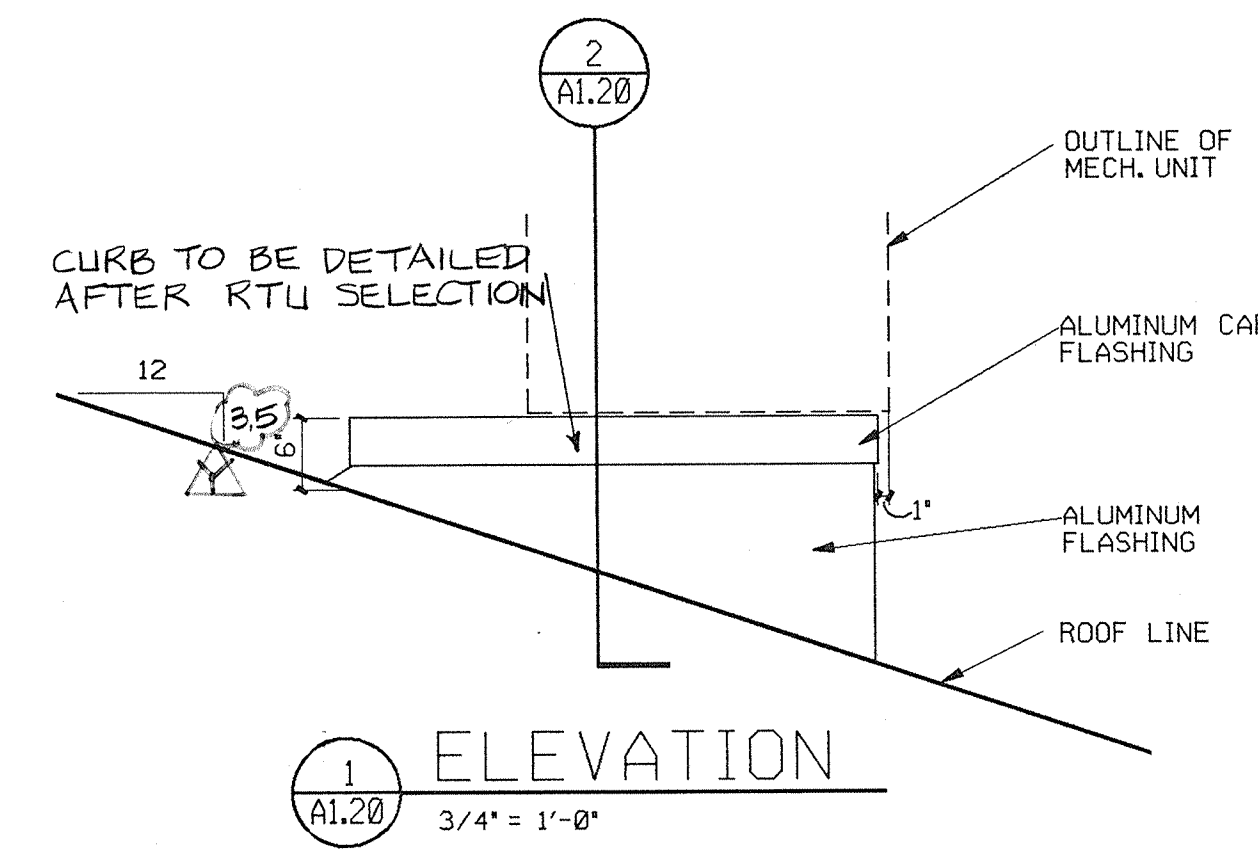


UNIT C

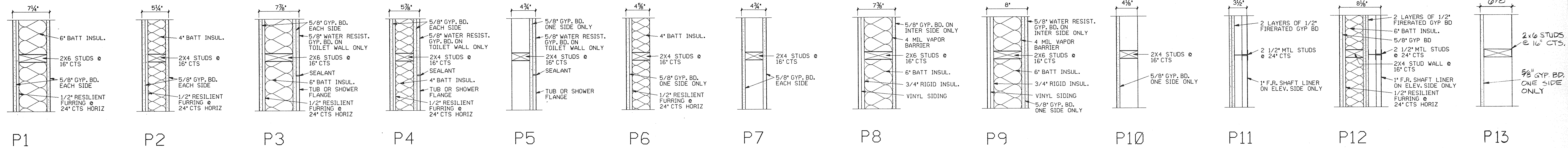
1/4" = 1'-0"

NOTE:
VERIFY THE EXTERIOR PARTITION TYPES AS NOTED ON THE 1/8" PLANS.

REVISIONS			DRAWN	PREP.		 Phillips Swager Associates	Architects Engineers Planners	1771 W. Diehl Road Naperville, Illinois 60540 (312) 983-5445		STATE	OF	ILLINOIS	MAIN FLOOR AND UNIT WALL CONSTRUCTION PLANS		PROJECT NUMBER
NO.	DATE	REMARKS	BRH	1735.26											
	12/3/92	REVISED PER RECORD DRAWINGS	TRACED	APROV.									DATE		
			BRH										3-20-89		
			CHECKED	APROV.									SHEET NUMBER		
			BRH							CAPITAL DEVELOPMENT BOARD			ILLINOIS MATHEMATICS AND SCIENCE ACADEMY PHASE 8 - STUDENT HOUSING	A1.11	
										C.D.B. PROJECT NUMBER 759-050-001 PH8		RANDALL ROAD AND SULLIVAN ROAD AURORA, ILLINOIS		OF 15 SHEETS	



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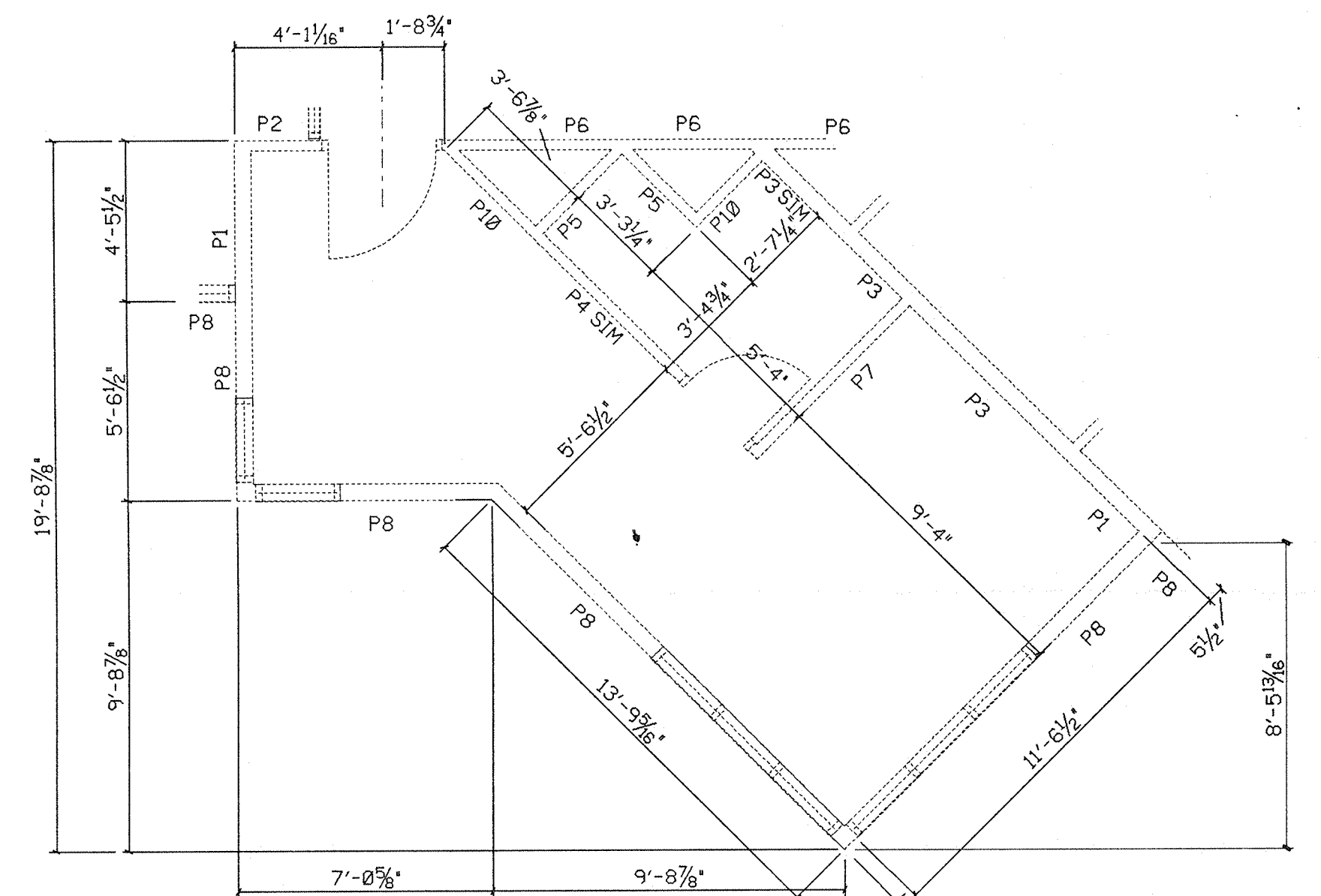


WALL PARTITION TYPES

1 1/2" = 1'-0"

NOTES:

- WHERE RESILIENT FURRING IS SPECIFIED FOR A WALL PARTITION TYPE THE LOCATION OF THE FURRING WILL BE ON THE SAME SIDE OF THE WALL AS INDICATED BY THE WALL PARTITION TYPE.
- WHERE GYPSUM BOARD IS SPECIFIED ON ONE SIDE OF THE STUD WALL ONLY, THE LOCATION OF THE GYPSUM BOARD WILL BE ON THE SAME SIDE OF THE STUD AS INDICATED BY THE WALL PARTITION TYPE.



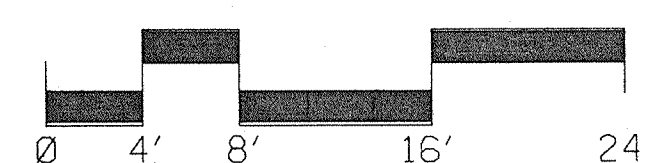
UNIT E

1/4" = 1'-0"

P4 SIM INDICATES NO 1/2\"/>

UPPER FLOOR WALL CONSTRUCTION PLAN

1/8" = 1'-0"



NOTES:

- DIMENSIONS ARE TO FACE OF STUD.
- LOCATION OF WALL PARTITION TYPE INDICATES WHAT SIDE OF THE WALL THE RESILIENT FURRING CHANNELS OR SINGLE FACED GYPSUM WALLBOARD OCCURS.

- GENERAL CONTRACTOR TO VERIFY WITH ALL MECHANICAL CONTRACTORS AND THE ARCHITECT ALL OF THE REQUIRED ROUGH OPENINGS DIMENSIONS FOR PLUMBING, HVAC, AND ELECTRICAL EQUIPMENT BEFORE LAYING OUT ANY WALL LINES.





- P1 SIM, P2 SIM & P3 SIM INDICATES THE USE OF 5/8\"/>

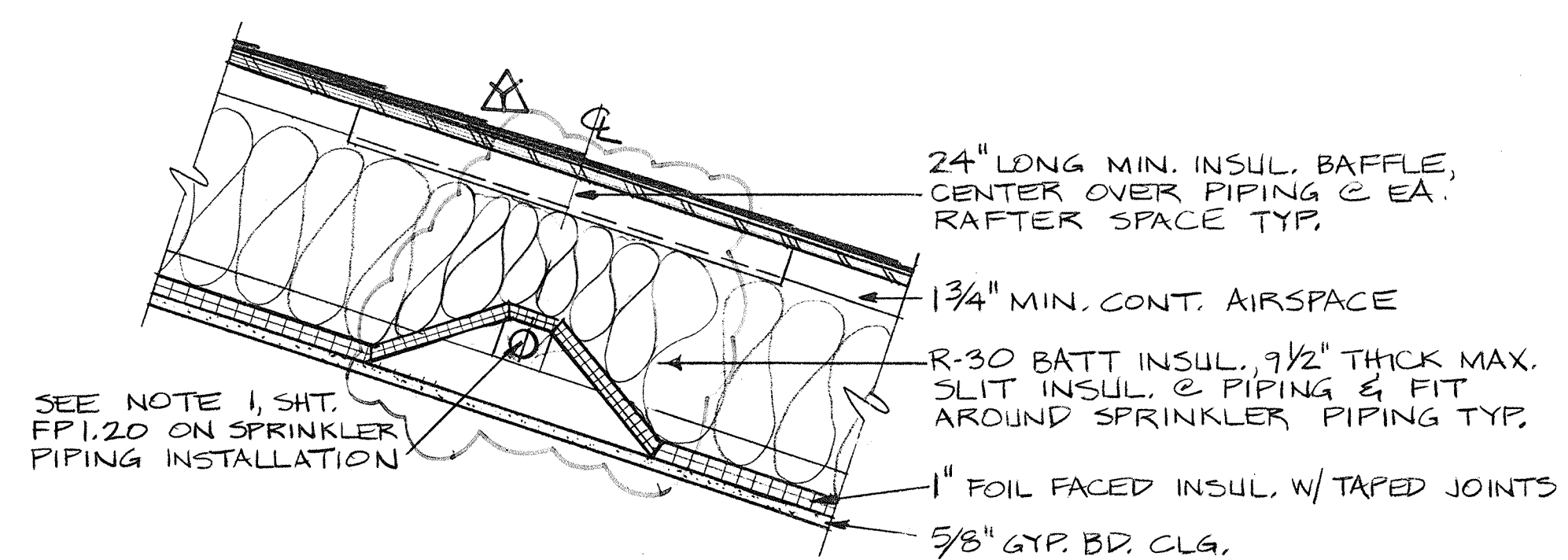
These Record Drawings have been prepared, in part, from information provided by others. The Architect will not be responsible for any errors or omissions in the information or records from which these drawings have been produced.

UNIT D

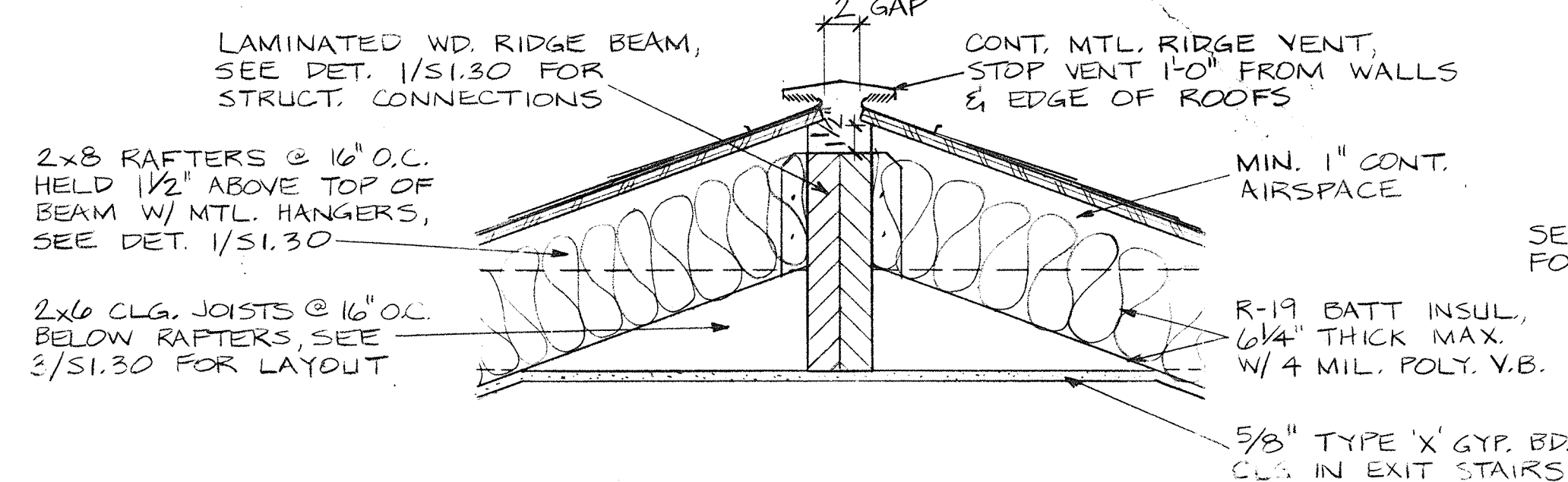
1/4" = 1'-0"

P7 SIM INDICATES 5/8\"/>

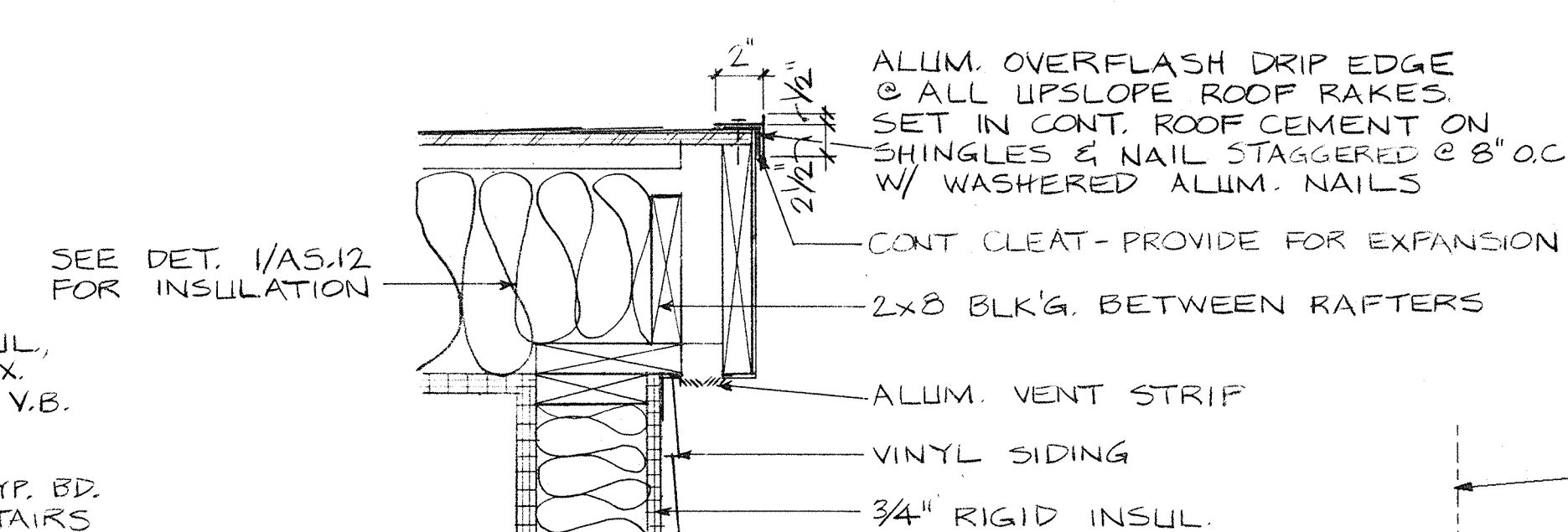
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NO.	DATE	REMARKS	BRH										DATE 3-30-89
	12/3/92	REVISED PER RECORD DRAWINGS	TRACED	APROV.									SHEET NUMBER A1.21
			BRH										OF 15 SHEETS
			CHECKED	APROV.									
			BRH										
C.D.B. PROJECT NUMBER 759-050-001 PH8											ILLINOIS MATHEMATICS AND SCIENCE ACADEMY PHASE 8 - STUDENT HOUSING RANDALL ROAD AND SULLIVAN ROAD AURORA, ILLINOIS		



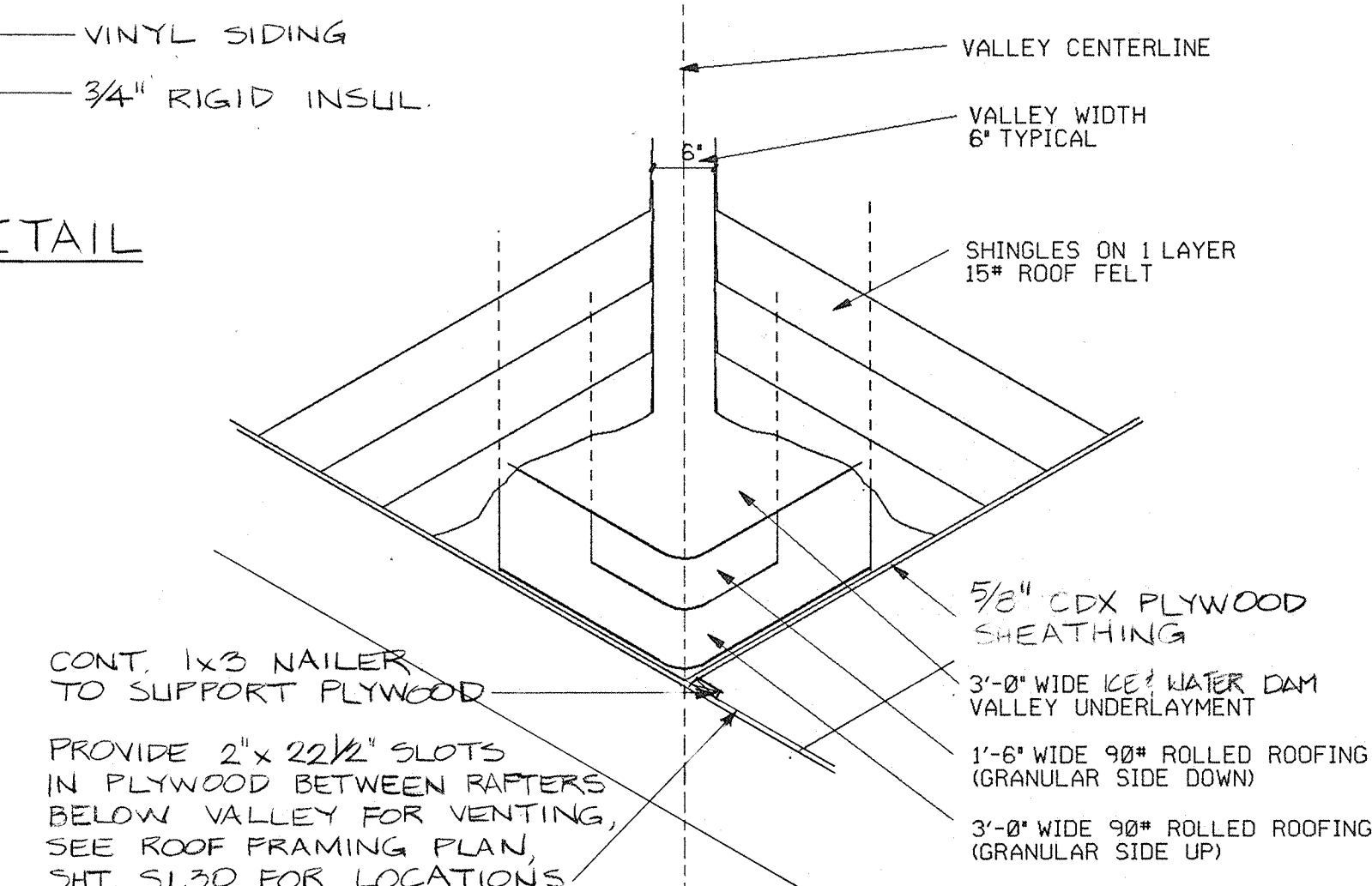
9 DETAIL @ SPRINKLER PIPING
A1.30 $1\frac{1}{2}" = 1'-0"$



8 RIDGE VENT DETAIL
A1.30 $1\frac{1}{2}" = 1'-0"$

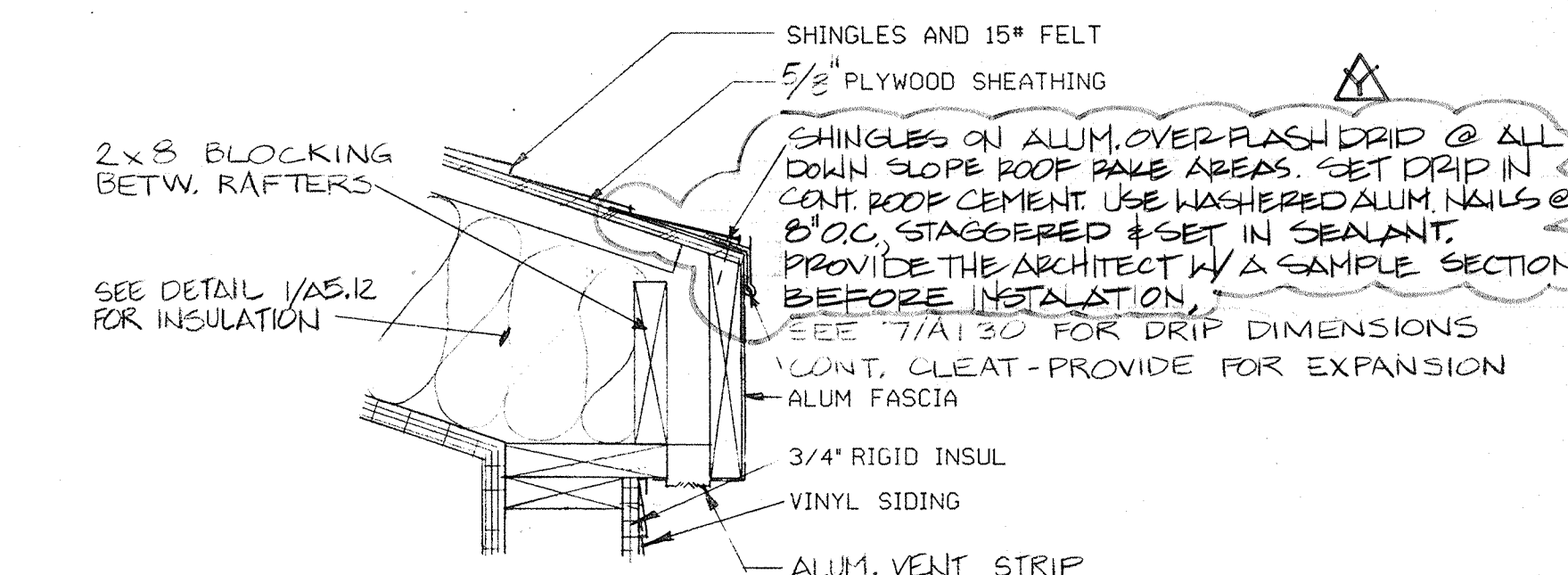


7 RAKE EAVE DETAIL
A1.30 $1\frac{1}{2}" = 1'-0"$

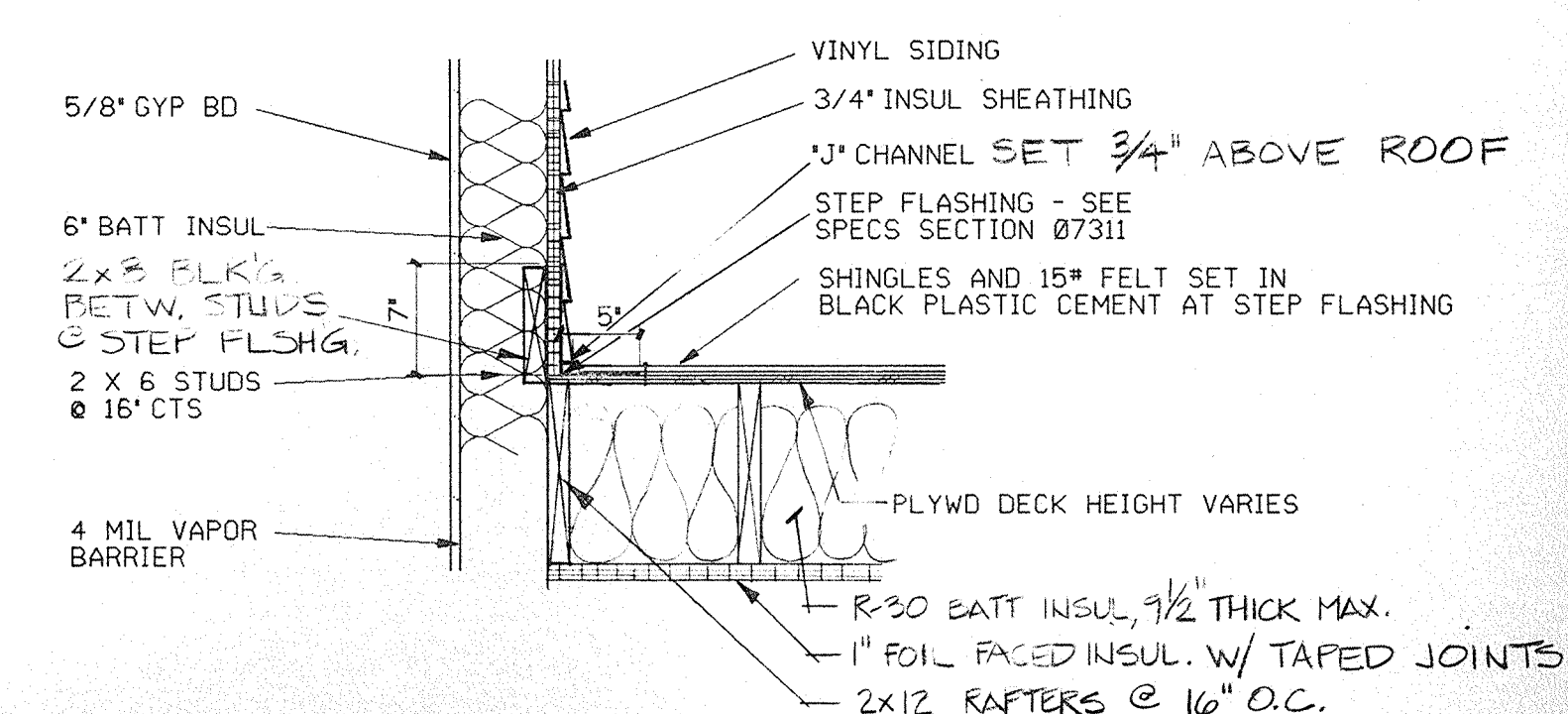


VALLEY FLASHING

NOTE:
SEE SPECIFICATIONS SECTION 07311
FOR VALLEY FLASHING REQUIREMENTS



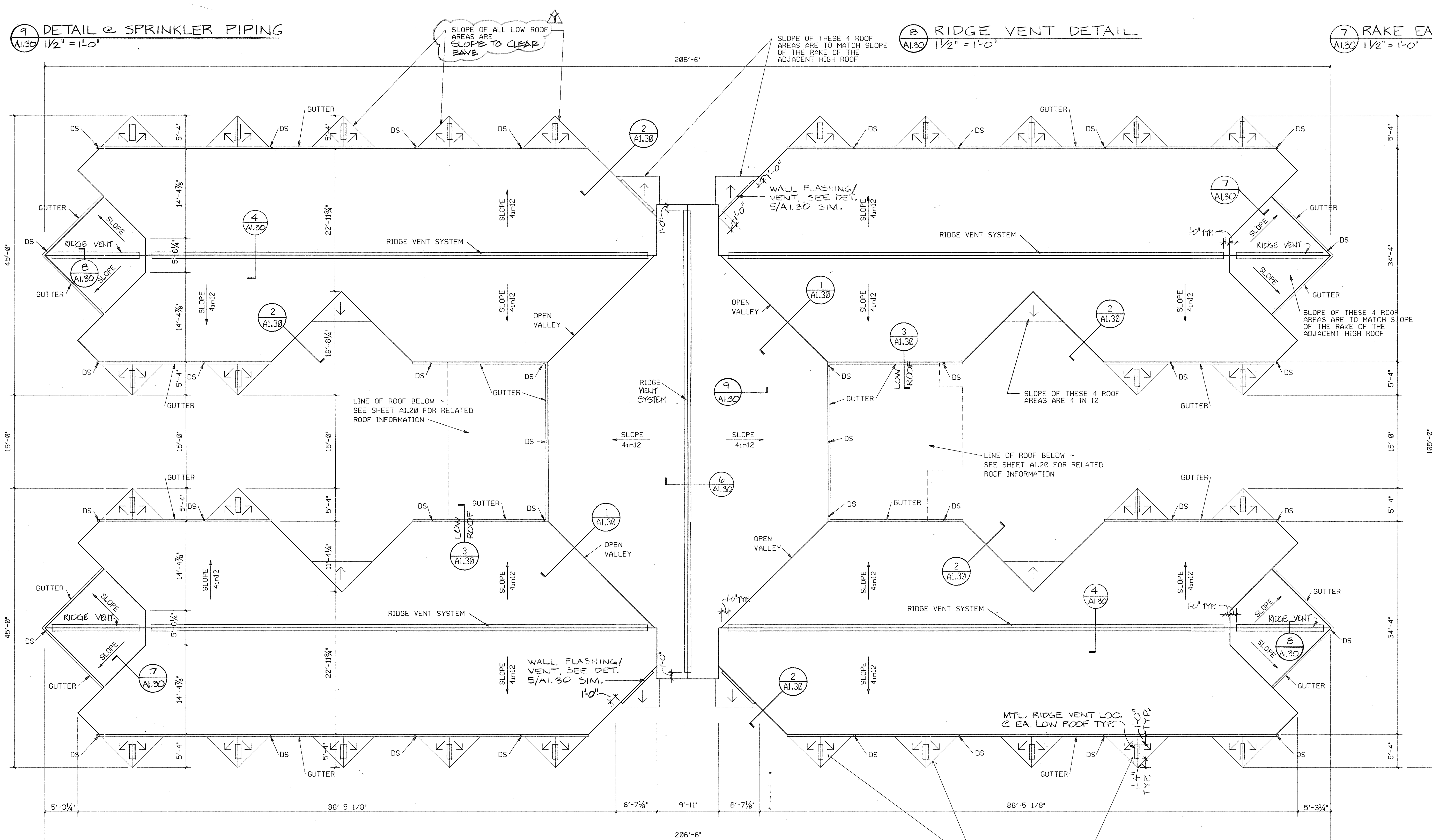
② RAKE EAVE DETAIL

 $1\frac{1}{2}'' = 1'-0''$ 

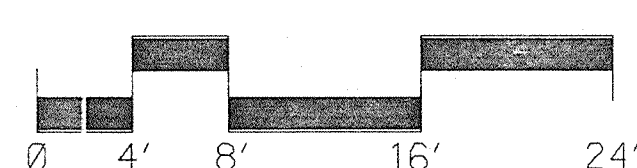
3 STEP FLASHING DETAIL

A1.30 $1^\circ = 1' - 0''$

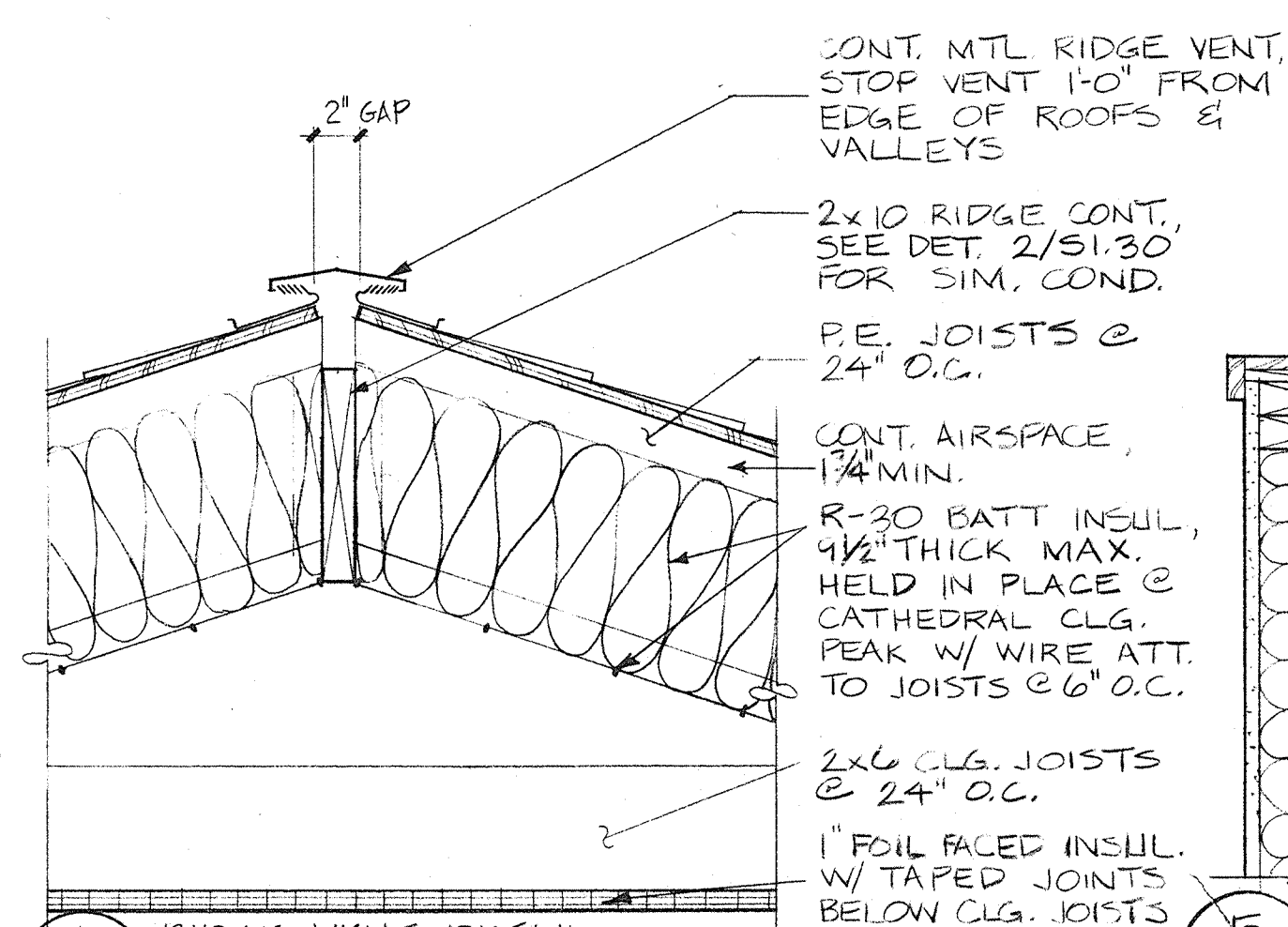
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ROOF PLAN

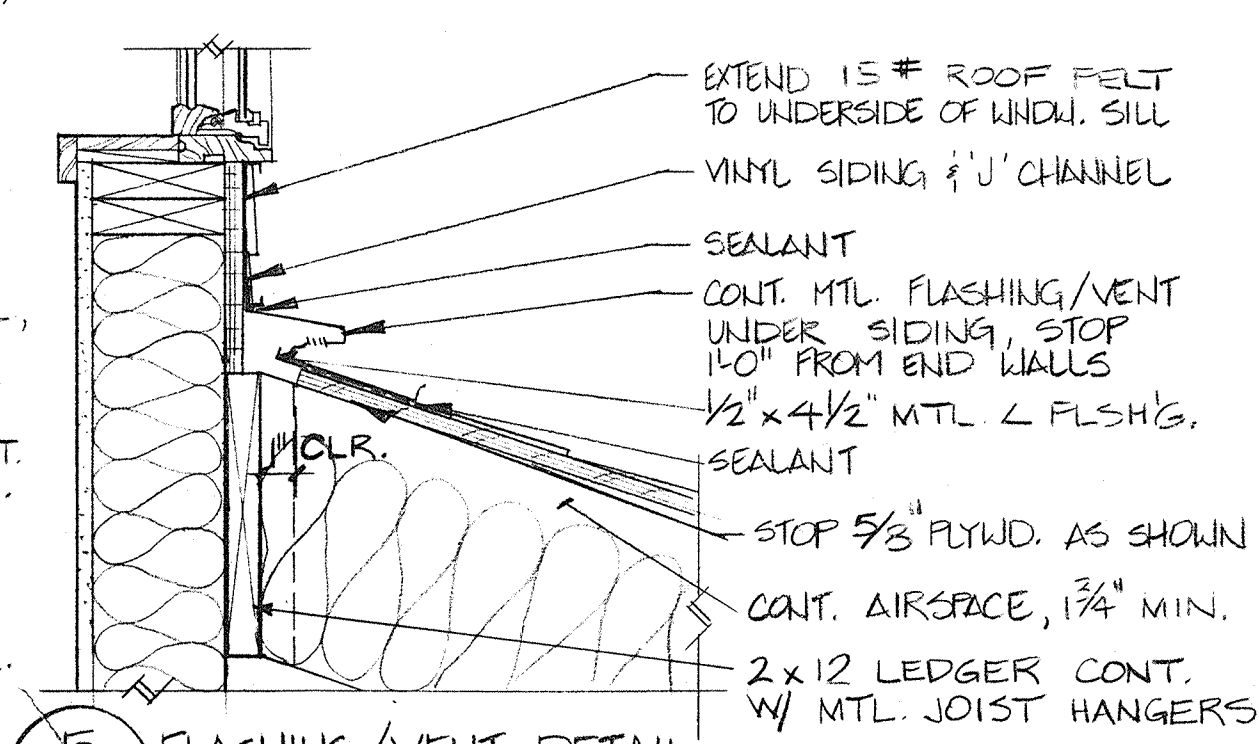
$$\frac{1}{8}'' = 1' - 0''$$


1. DIMENSIONS ARE TO FACE OF STUD
2. SEE SHEETS A1.11 AND A1.21 FOR DIMENSIONED PLANS
3. SEE WALL SECTIONS SHEETS A5.10,
A5.11, AND A5.12 FOR ROOF CONSTR. DETAILS
4. SEE SHEET S1.30 FOR ROOF FRAMING PLAN
5. SEE H-V-P SHTS. FOR
LOCATIONS OF ROOF PENETRATIONS.



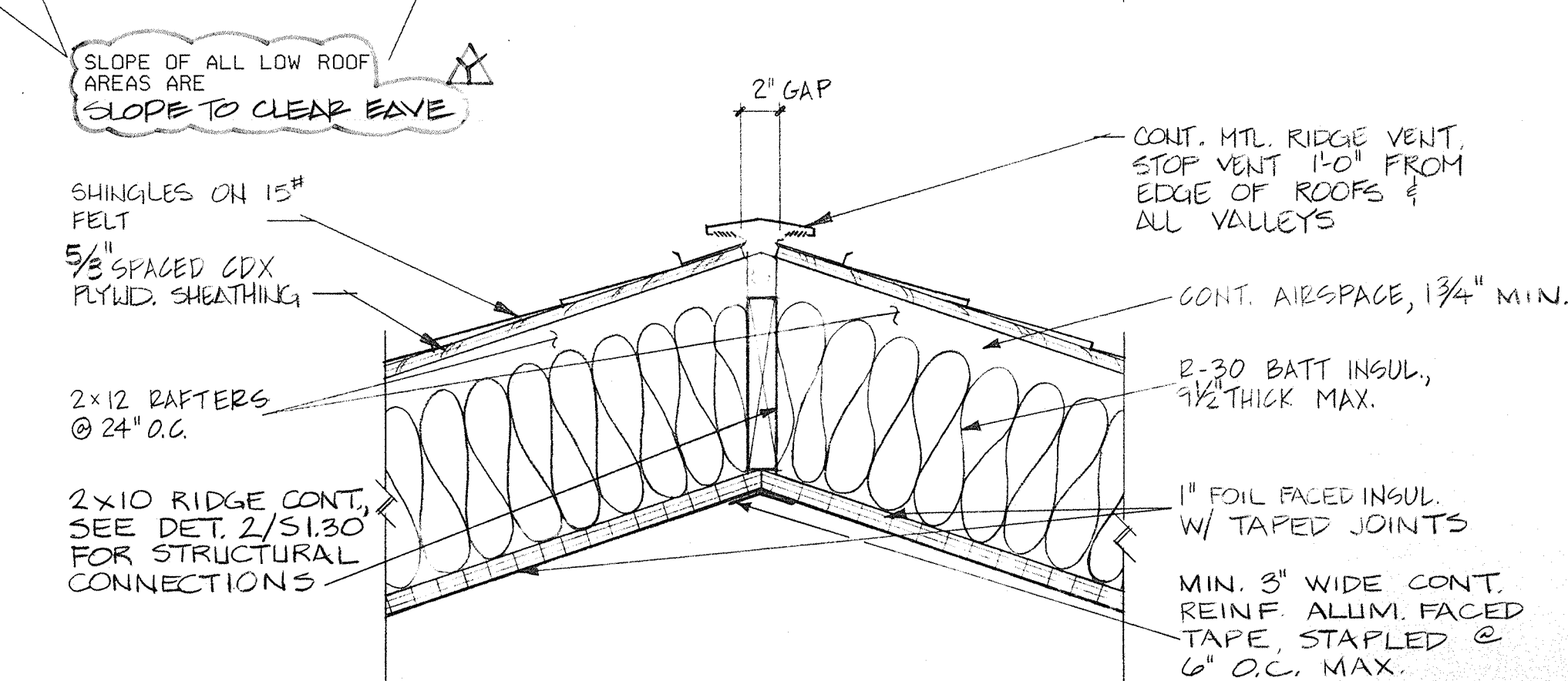
6 RIDGE VENT DETAIL
A1.30 $1\frac{1}{2}" = 1'-0"$

A 1.30 $1\frac{1}{2}'' = 1'-0''$




5 FLASHING/VENT DETAIL
A1.30 $1\frac{1}{2}" = 1'-0"$

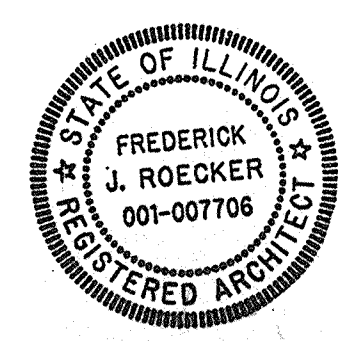
$\Delta 1.30 \quad 1\frac{1}{2}'' = 1'-0''$



4 RIDGE VENT DETAIL
A1.30 $1\frac{1}{2}'' = 1'-0''$

$$\text{Al.30 } 1\frac{1}{2}'' = 1'-0''$$

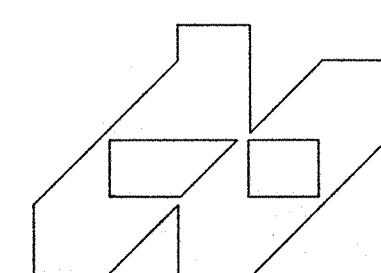
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NO.	DATE	REMARKS			
1	12/3/92	REVISED PER RECORD DRAWINGS	HDW	APROV.	
			HDW		
			CHECKED	APROV.	
			BRH		



PSA
Phillips Swager Associates

Architects
Engineers
Planners

1771 W. Diehl Road
Naperville, Illinois 60540
(312) 983-5445



STATE OF ILLINOIS
CAPITAL DEVELOPMENT BOARD
C.D.B. PROJECT NUMBER 759-050-001 PH8

ROOF PLAN

ILLINOIS MATHEMATICS AND SCIENCE ACADEMY
PHASE 8 - STUDENT HOUSING
RANDALL ROAD AND SULLIVAN ROAD
AURORA, ILLINOIS

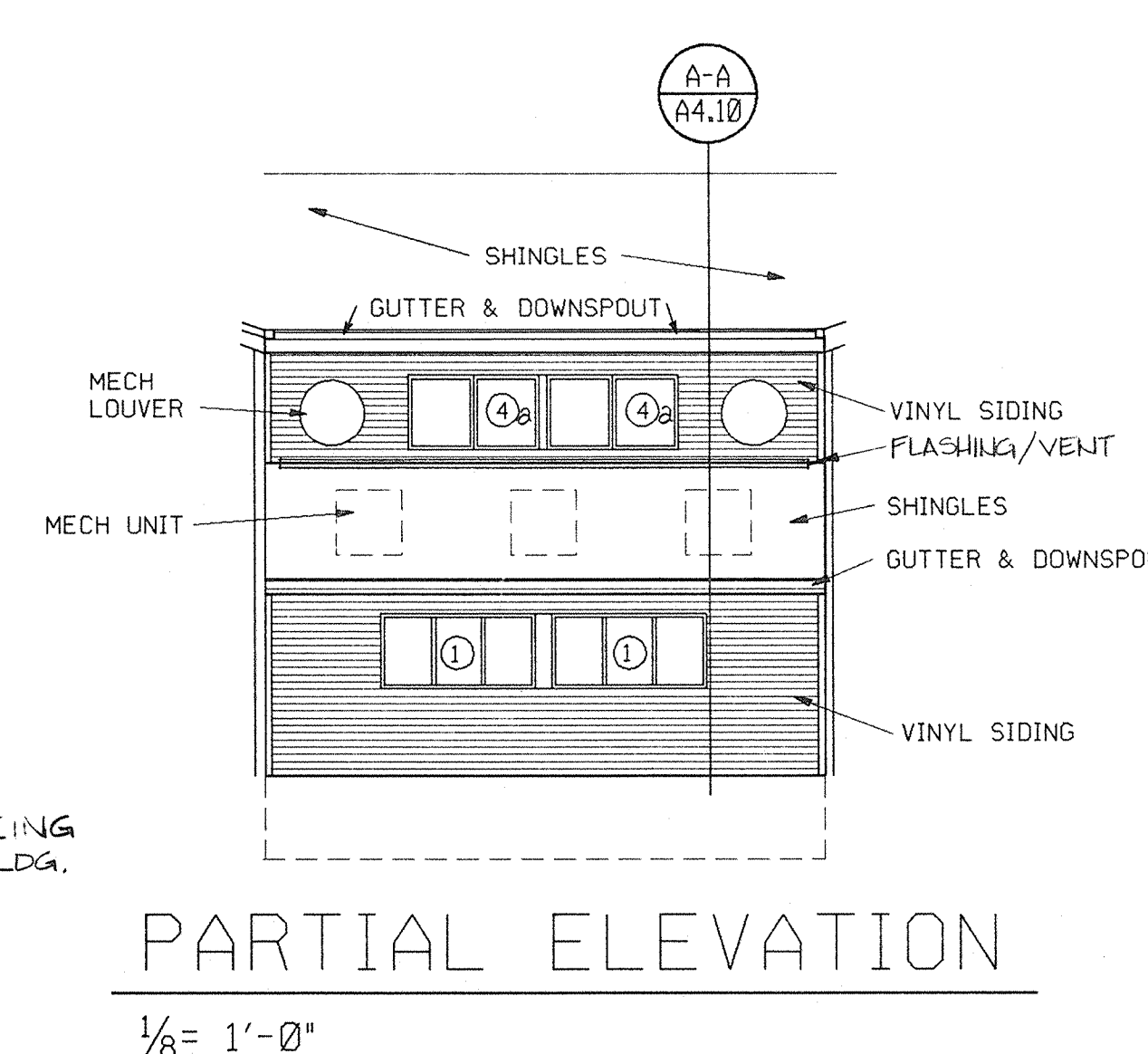
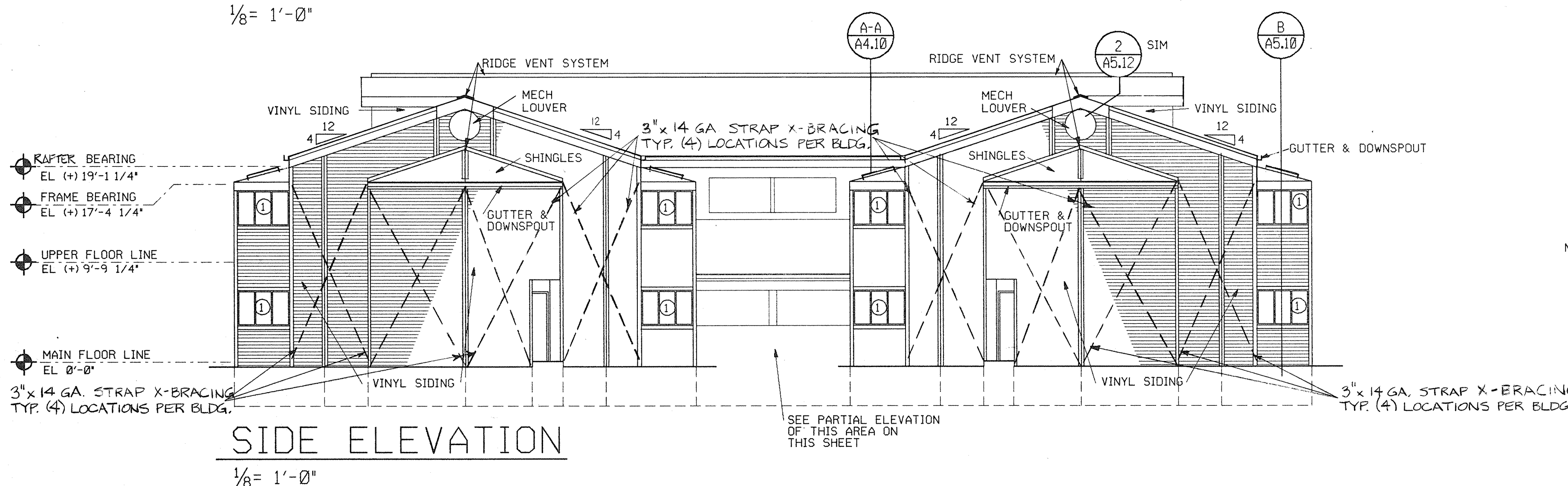
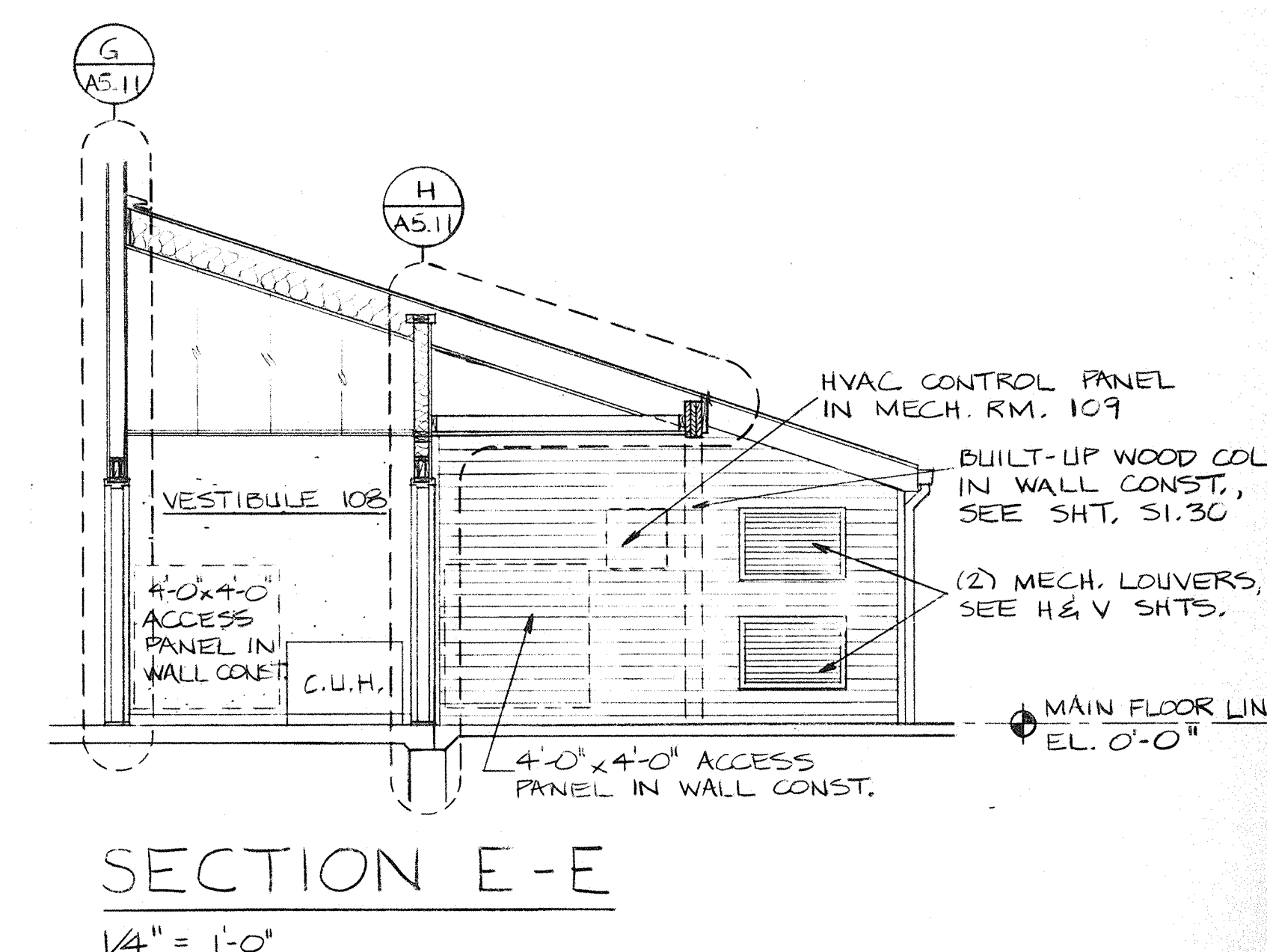
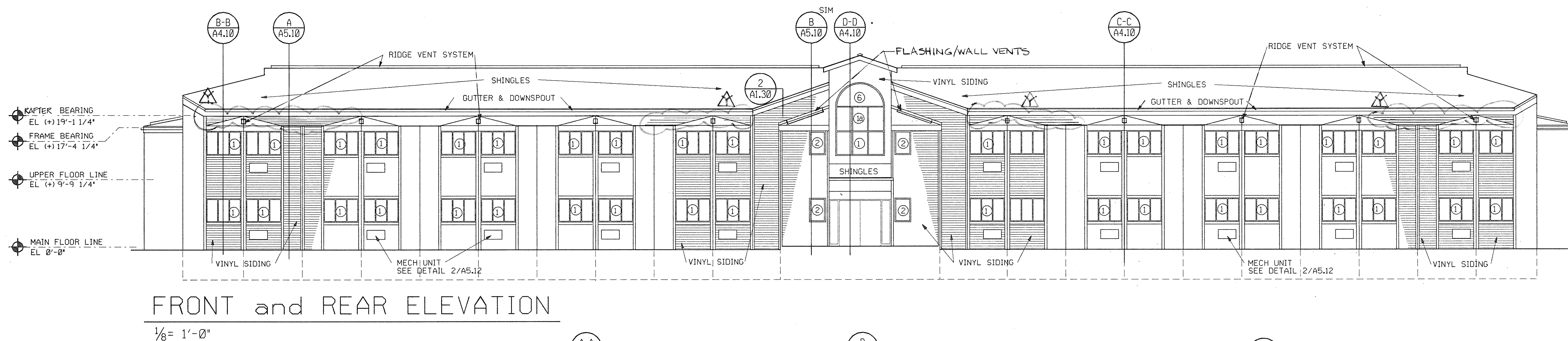
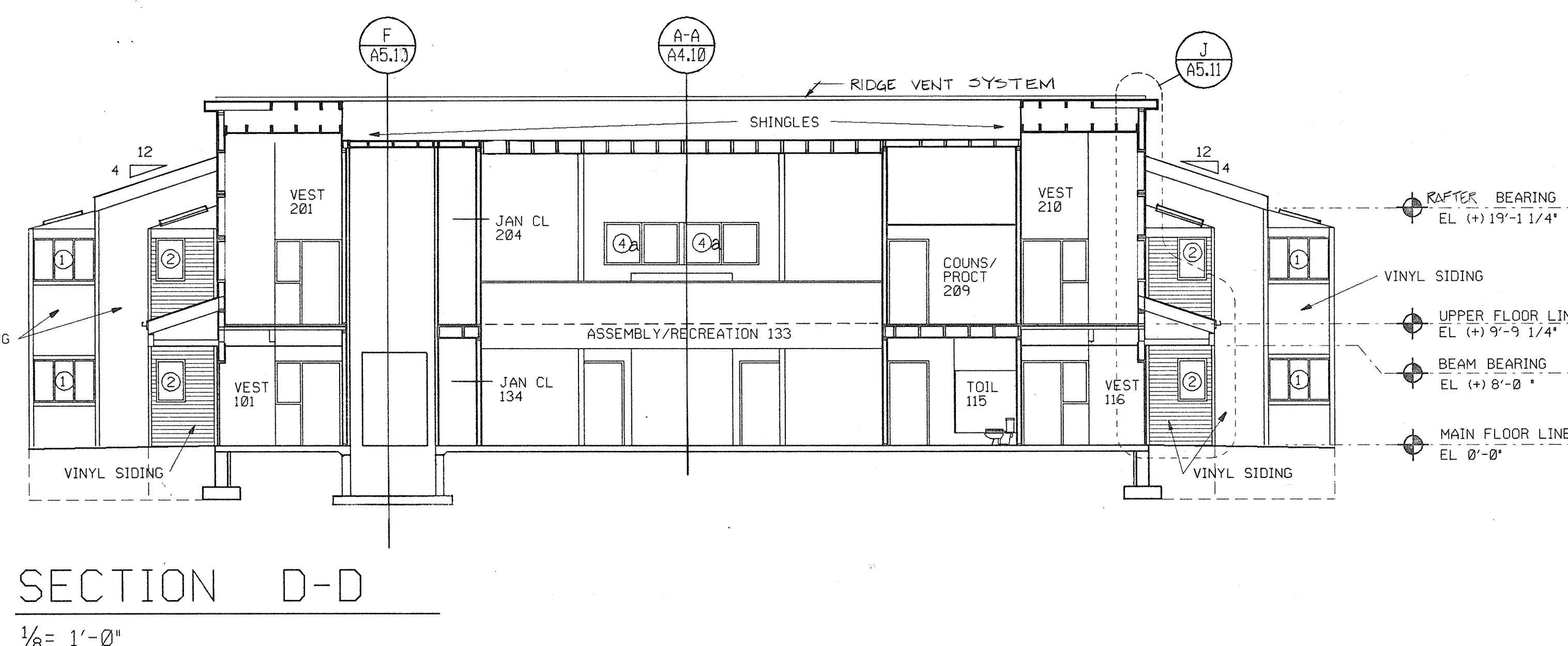
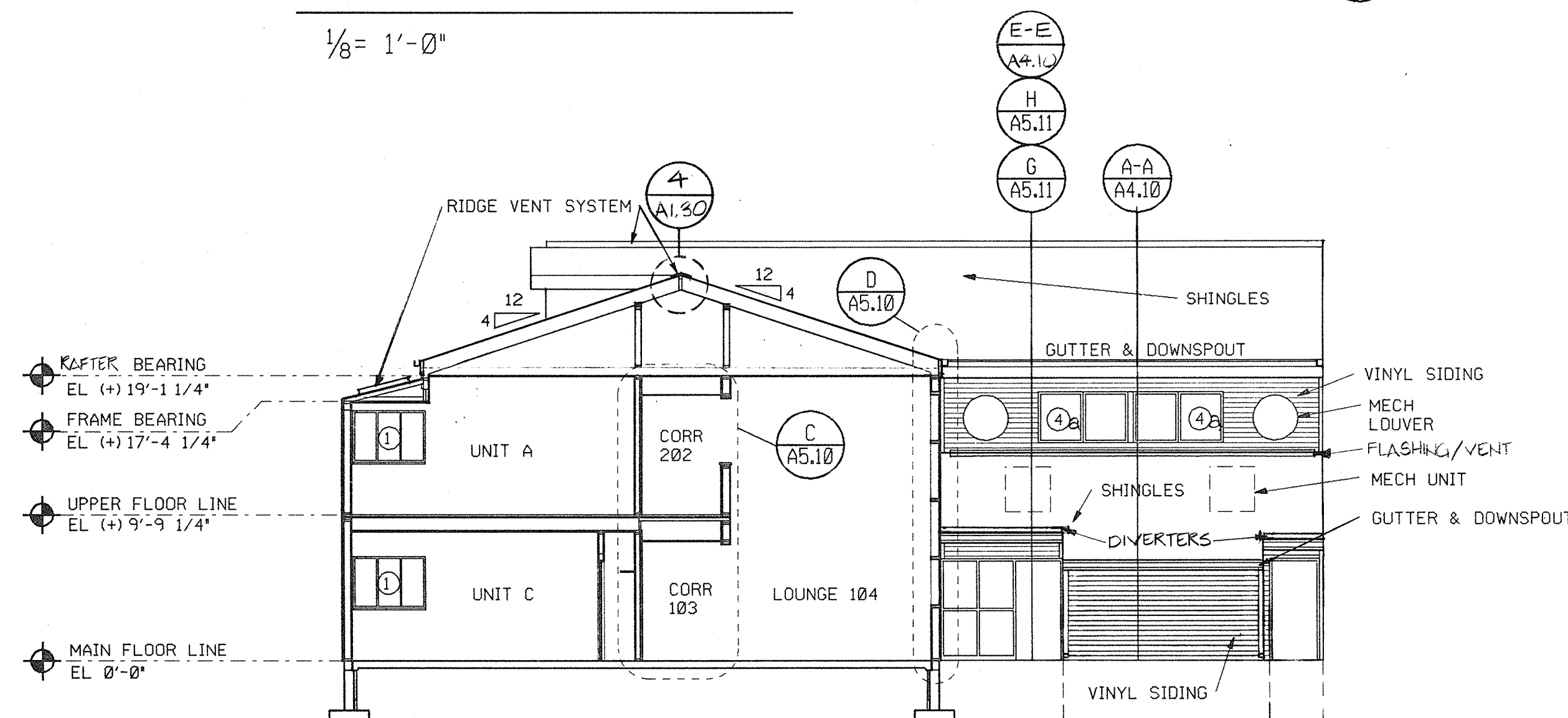
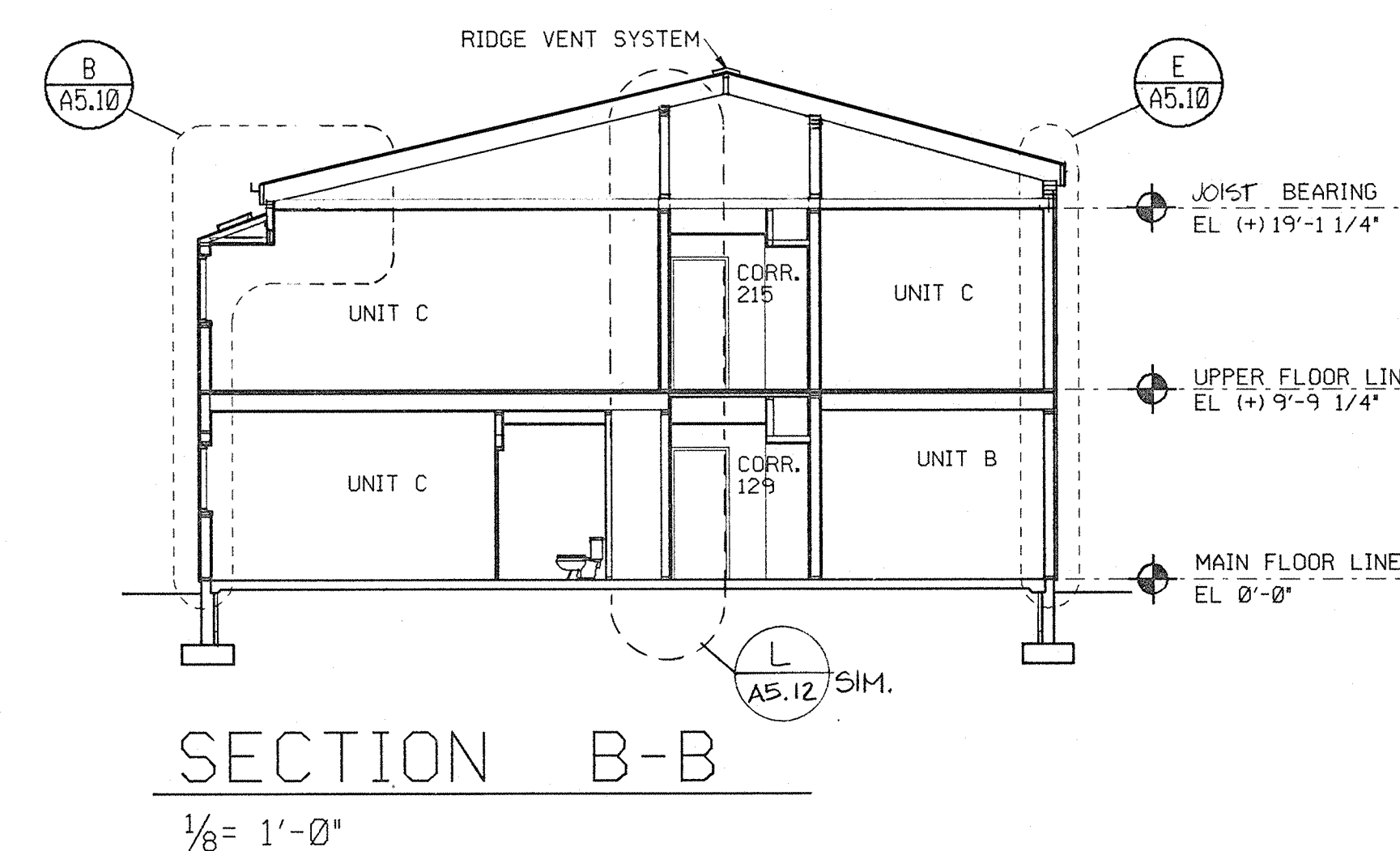
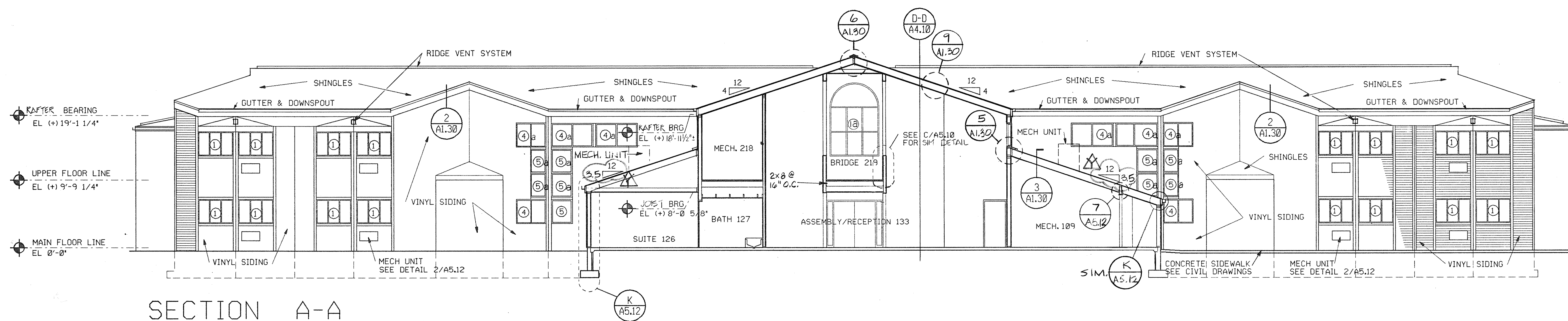
PROJECT NUMBER	1735.26
DATE	3-30-89
SHEET NUMBER	A1.30
OF 15 SHEETS	

DOOR SCHEDULE

DOOR NUMBER	DOOR TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR THICK	DOOR MATL	DOOR GLZNG	FRAME NUMBER	FRAME MATL	FRAME GLZNG	JAMB DETAIL	HEAD DETAIL	DOOR SILL	HWR SET	FIRE RATING	SECURITY HWR SET
101	FG	2'-3" 0"	6'-8"	1 3/4"	HM	G1	4	HM	G1	6	J/A5.11	J/AS11	1	----	1
102	F	3'-0" 0"	6'-8"	1 3/4"	HM	G1	2	HM	G1	2	J/A5.11	J/AS11	2	----	2
103A	N	3'-0" 0"	6'-8"	1 3/4"	HM	G2	1	HM	G2	1	2 1/2 A5.12	2 1/2 A5.12	3	----	3
103B	N	3'-0" 0"	6'-8"	1 3/4"	HM	G2	1	HM	G2	1	2 1/2 A5.12	2 1/2 A5.12	3	----	3
104A	F	2'-6" 0"	6'-8"	1 3/4"	HM	G1	1	HM	G1	1	2 1/2 A5.11	2 1/2 A5.11	4	----	4
106	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	7	----	5	B	----
107	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	7	----	5	----	----
108A	N	3'-0" 0"	6'-8"	1 3/4"	HM	G1	1	HM	G1	1	2 1/2 A5.11	2 1/2 A5.11	6	----	5
108B	N	3'-0" 0"	6'-8"	1 3/4"	HM	G1	1	HM	G1	1	2 1/2 A5.11	2 1/2 A5.11	6	----	5
109	F	4'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	7	----	14	----	23
110	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	7	----	14	----	2
111A	N	3'-0" 0"	6'-8"	1 3/4"	HM	G1	2	HM	G1	2 1/2 A5.10	1	----	3	----	3
111B	N	3'-0" 0"	6'-8"	1 3/4"	HM	G2	1	HM	G2	1	2 1/2 A5.12	2 1/2 A5.12	4	B	----
112A	F	2'-6" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	7	----	14	----	----
113	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	7	----	14	----	----
115	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	7	----	14	----	----
116	FG	2'-3" 0"	6'-8"	1 3/4"	HM	G1	4	HM	G1	6	J/A5.11	J/AS11	1	----	1
117	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	7	----	9	----	----
119	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	7	----	9	----	2
120A	N	3'-0" 0"	6'-8"	1 3/4"	HM	G1	2	HM	G1	2 1/2 A5.10	1	----	3	----	3
120B	N	3'-0" 0"	6'-8"	1 3/4"	HM	G2	1	HM	G2	1	2 1/2 A5.12	2 1/2 A5.12	4	B	----
121A	F	2'-6" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	7	----	14	----	----
122	F	2'-10" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	8	7	----	10	----	----
123A	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	8	7	----	15	----	----
123B	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	8	7	----	15	----	----
124	BF	2'-0" 0"	6'-8"	1 3/4"	HM	----	12	11	----	12	11	----	16	----	----
125	BF	2'-0" 0"	6'-8"	1 3/4"	HM	----	12	11	----	12	11	----	16	----	----
126	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	8	7	----	10	----	----
127	F	2'-10" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	8	7	----	10	----	----
128	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	6	5	H/AS11	2	----	2
129A	N	3'-0" 0"	6'-8"	1 3/4"	HM	G1	2	HM	G1	2 1/2 A5.10	1	----	3	----	3
129B	N	3'-0" 0"	6'-8"	1 3/4"	HM	G2	1	HM	G2	1	2 1/2 A5.12	2 1/2 A5.12	4	B	----
130A	N	3'-0" 0"	6'-8"	1 3/4"	HM	G1	1	HM	G1	1	2	----	20	----	----
132	N	3'-0" 0"	6'-8"	1 3/4"	HM	G1	1	HM	G1	1	2	----	20	----	----
133A	FG	2'-3" 0"	6'-8"	1 3/4"	HM	G1	3	HM	G1	2 1/2 A5.10	1	----	13	----	----
133B	FG	2'-3" 0"	6'-8"	1 3/4"	HM	G1	3	HM	G1	2 1/2 A5.10	1	----	13	----	----
134	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	14	----	----
135	F	2'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	14	----	----
136	F	2'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	14	----	----
202A	N	3'-0" 0"	6'-8"	1 3/4"	HM	G1	2	HM	G1	2 1/2 A5.10	1	----	3	----	4
202C	N	3'-0" 0"	6'-8"	1 3/4"	HM	G2	1	HM	G2	1	2 1/2 A5.12	2 1/2 A5.12	4	B	----
202C	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	14	----	----
203	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	11	----	----
204	F	2'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	20	----	----
205	F	2'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	20	----	----
206A	N	3'-0" 0"	6'-8"	1 3/4"	HM	G1	2	HM	G1	2 1/2 A5.10	1	----	3	----	4
206B	N	3'-0" 0"	6'-8"	1 3/4"	HM	G2	1	HM	G2	1	2 1/2 A5.12	2 1/2 A5.12	4	B	----
206C	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	14	----	----
207	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	11	----	----
208	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	11	----	----
209	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	8	----	----
210	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	8	----	----
211A	N	3'-0" 0"	6'-8"	1 3/4"	HM	G1	2	HM	G1	2 1/2 A5.10	1	----	3	----	4
211B	N	3'-0" 0"	6'-8"	1 3/4"	HM	G2	1	HM	G2	1	2 1/2 A5.12	2 1/2 A5.12	4	B	----
211C	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	14	----	----
212	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	11	----	----
213	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	11	----	----
214	F	2'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	7	----	----
215A	N	3'-0" 0"	6'-8"	1 3/4"	HM	G1	2	HM	G1	2 1/2 A5.10	1	----	3	----	4
215B	N	3'-0" 0"	6'-8"	1 3/4"	HM	G2	1	HM	G2	1	2 1/2 A5.12	2 1/2 A5.12	4	B	----
215C	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	14	----	----
216	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	11	----	----
217	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	11	----	----
218	F	2'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	7	----	----
A103	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	15	----	----
A104	BF	4'-0" 0"	6'-8"	1 3/4"	HM	----	14	13	----	14	13	----	16	----	----
A105	F	2'-4" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	4	3	----	19	----	----
A106	F	2'-4" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	4	3	----	19	----	----
A107	BF	4'-0" 0"	6'-8"	1 3/4"	HM	----	14	13	----	14	13	----	16	----	----
B101	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	15	----	----
B102	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	4	3	----	17	----	----
B103	F	2'-4" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	6	7	----	18	----	----
C101	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	15	----	----
C102	F	2'-4" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	4	3	----	17	----	----
C103	F	2'-4" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	7	----	18	----	----
D103	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	15	----	----
D104	BF	4'-0" 0"	6'-8"	1 3/4"	HM	----	14	13	----	14	13	----	16	----	----
D105	F	2'-10" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	4	3	----	17	----	----
D106	F	2'-10" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	4	3	----	17	----	----
D107	BF	4'-0" 0"	6'-8"	1 3/4"	HM	----	14	13	----	14	13	----	16	----	----
E101	F	3'-0" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	2	1	----	15	----	----
E103	F	2'-4" 0"	6'-8"	1 3/4"	HM	----	1	HM	----	12	17	----	17	----	----




ROOM FINISH SCHEDULE

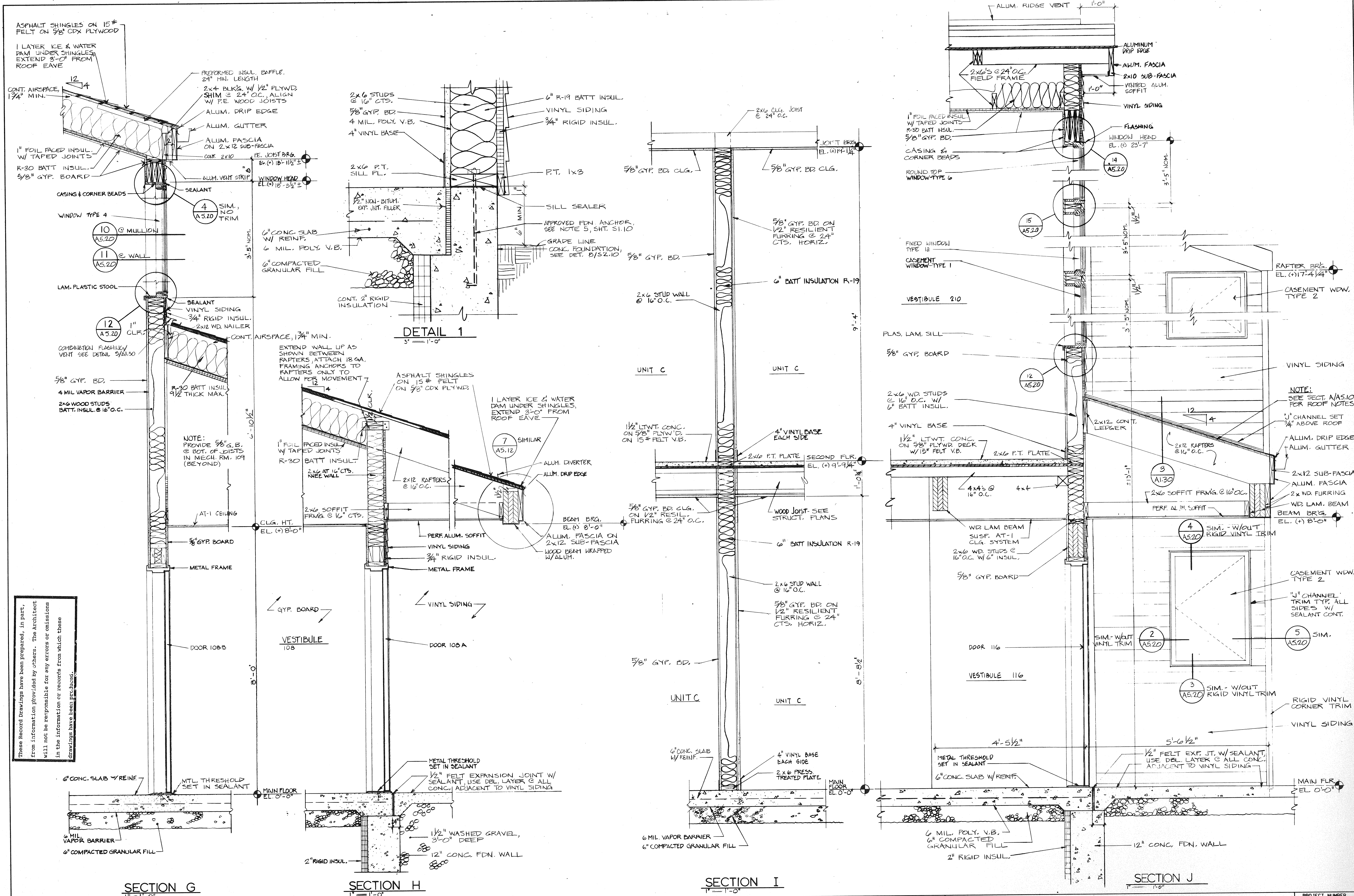
NUM	ROOM NAME	FLR CONST 1	FLR FIN 1	FLR CONST 2	FLR FIN 2	BASE FIN 1	BASE FIN 2	WALL CONST 1	WALL FIN 1	WALL CONST 2	WALL FIN 2	CLG CONST 1	CLG FIN 1	CLG CONST 2	CLG FIN 2	CLG HGT	REMARKS
101	VEST.	CONCRETE	SHEET VINYL	----	----	VBC	----	GYPSUM BOARD	PAINT	GLASS	----	AT-1	AT-1	----	----	8'-0"	1
102	STAIR	CONCRETE	CARPET	PLYWOOD	CARPET	VBS	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	GW-2	PAINT	VARIES	1,3
103	CORR.	CONCRETE	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	GLASS	----	AT-1	AT-1	GW-2	PAINT	VARIES	1
104	LOUNGE	CONCRETE	CARPET	CONCRETE	SHEET VINYL	VBS	----	GYPSUM BOARD	PAINT	GLASS	----	AT-1	AT-1	GW-3	PAINT	VARIES	1
104A	STOR.	CONCRETE	VINYL COMP T	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	8'-8 1/2"	----
105	STAIR	CONCRETE	CARPET	PLYWOOD	CARPET	VBS	----	GYPSUM BOARD	PAINT	----	----	AT-1	AT-1	----	----	17'-3 1/4"	1
106	ELEV. EQUIP.	CONCRETE	SEALER/HDR	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	GW-2	PAINT	----	----	7'-2"	3
107	STOR.	CONCRETE	SEALER/HDR	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	GW-2	PAINT	----	----	7'-2"	----
108	VEST.	CONCRETE	SHEET VINYL	----	----	VBC	----	GYPSUM BOARD	PAINT	GLASS	----	GW-2	PAINT	AT-1	AT-1	8'-0"	1
109	MECH.	CONCRETE	SEALER/HDR	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	VARIES	3
110	STAIR	CONCRETE	CARPET	PLYWOOD	CARPET	VBS	----	GYPSUM BOARD	PAINT	GLASS	----	GW-1	PAINT	GW-2	PAINT	VARIES	1,3
111	CORR.	CONCRETE	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	GLASS	----	AT-1	AT-1	GW-2	PAINT	VARIES	1
112	LOUNGE	CONCRETE	CARPET	CONCRETE	SHEET VINYL	VBS	----	GYPSUM BOARD	PAINT	GLASS	----	AT-1	AT-1	GW-3	PAINT	VARIES	1
112A	STOR.	CONCRETE	VINYL COMP T	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	8'-8 1/2"	----
113	CONTROL	CONCRETE	SEALER/HDR	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	GW-2	PAINT	----	----	7'-2 1/2"	3
114	STAIR	CONCRETE	CARPET	PLYWOOD	CARPET	VBS	----	GYPSUM BOARD	PAINT	GLASS	----	AT-1	AT-1	----	----	17'-1 1/4"	1
115	TOILET	CONCRETE	CERAMIC TILE	----	----	CERAMIC TILE	----	CERAMIC TILE	CERAMIC TILE	GYPSUM BOARD	PAINT	GW-2	PAINT	----	----	8'-0"	1,2
116	VEST.	CONCRETE	SHEET VINYL	----	----	VBC	----	GYPSUM BOARD	PAINT	GLASS	----	AT-1	AT-1	----	----	8'-0"	1
117	TOILET	CONCRETE	CERAMIC TILE	----	----	CERAMIC TILE	----	CERAMIC TILE	CERAMIC TILE	GYPSUM BOARD	PAINT	GW-2	PAINT	----	----	8'-0"	1,2
118	STAIR	CONCRETE	CARPET	PLYWOOD	CARPET	VBS	----	GYPSUM BOARD	PAINT	----	----	AT-1	AT-1	----	----	17'-1 1/4"	1
119	STAIR	CONCRETE	CARPET	PLYWOOD	CARPET	VBS	----	GYPSUM BOARD	PAINT	GLASS	----	GW-1	PAINT	GW-2	PAINT	VARIES	1,3
120	CORR.	CONCRETE	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	GLASS	----	AT-1	AT-1	GW-2	PAINT	VARIES	1
121	LOUNGE	CONCRETE	CARPET	CONCRETE	SHEET VINYL	VBS	----	GYPSUM BOARD	PAINT	GLASS	----	AT-1	AT-1	GW-3	PAINT	VARIES	1
121A	STOR.	CONCRETE	VINYL COMP T	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	8'-8 1/2"	----
122	BATH	CONCRETE	SHEET VINYL	----	----	VBS	----	GYPSUM BOARD	PAINT	GYPSUM BOARD	CERAMIC TILE	GW-2	PAINT	----	----	7'-2"	1,2
123	SUITE	CONCRETE	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	8'-0"	----
124	CLO.	CONCRETE	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	8'-0"	1
125	CLO.	CONCRETE	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	8'-0"	1
126	SUITE	CONCRETE	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	8'-0"	1
127	BATH	CONCRETE	SHEET VINYL	----	----	VBC	----	GYPSUM BOARD	PAINT	GYPSUM BOARD	CERAMIC TILE	GW-2	PAINT	----	----	7'-2"	1,2
128	STAIR	CONCRETE	CARPET	PLYWOOD	CARPET	VBS	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	GW-2	PAINT	VARIES	1,3
129	CORR.	CONCRETE	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	GLASS	----	AT-1	AT-1	GW-2	PAINT	VARIES	1
130	LOUNGE	CONCRETE	CARPET	CONCRETE	SHEET VINYL	VBS	----	GYPSUM BOARD	PAINT	GLASS	----	AT-1	AT-1	GW-3	PAINT	VARIES	1
130A	STOR.	CONCRETE	VINYL COMP T	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	8'-8 1/2"	----
131	STAIR	CONCRETE	CARPET	PLYWOOD	CARPET	VBS	----	GYPSUM BOARD	PAINT	GLASS	----	AT-1	AT-1	----	----	17'-1 1/4"	1
132	SIGN-OUT	CONCRETE	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	AT-1	AT-1	----	----	8'-0"	1
133	ASSEMBLY / RECREATION	CONCRETE	SHEET VINYL	----	----	VBC	----	GYPSUM BOARD	PAINT	GLASS	----	AT-1	AT-1	GW-1	PAINT	VARIES	1
134	JAN. CL.	CONCRETE	SEALER/HDR	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	8'-8 1/2"	----
135	STOR.	CONCRETE	VINYL COMP T	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	AT-1	PAINT	----	----	8'-8 1/2"	----
136	STOR.	CONCRETE	VINYL COMP T	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	8'-8 1/2"	----
201	VEST.	LT WT CONC	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	GLASS	----	GW-1	PAINT	----	----	15'-0" Ht.	1
202	CORR.	LT WT CONC	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	AT-1	AT-1	GW-2	PAINT	VARIES	1
202A	STOR.	LT WT CONC	VINYL COMP T	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	9'-3 3/8"	----
203	STUDY ROOM	LT WT CONC	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	GLASS	----	AT-1	AT-1	GW-2	PAINT	VARIES	1
204	JAN. CLO.	LT WT CONC	SEALER/HDR	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	8'-0"	1
205	MECH.	LT WT CONC	SEALER/HDR	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	VARIES	----
206	CORR.	LT WT CONC	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	AT-1	AT-1	GW-2	PAINT	VARIES	1
206A	STOR.	LT WT CONC	VINYL COMP T	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	9'-3 3/8"	----
207	STUDY ROOM	LT WT CONC	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	AT-1	AT-1	----	----	8'-0"	1
208	MECH.	LT WT CONC	SEALER/HDR	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	VARIES	1
209	COUNS/PRODUCT	LT WT CONC	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	GLASS	----	AT-1	AT-1	----	----	8'-0"	1
210	VEST.	LT WT CONC	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	GLASS	----	GW-1	PAINT	----	----	15'-0" Ht.	1
211	CORR.	LT WT CONC	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	AT-1	AT-1	GW-2	PAINT	VARIES	1
211A	STOR.	LT WT CONC	VINYL COMP T	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	9'-3 3/8"	----
212	STUDY ROOM	LT WT CONC	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	GLASS	----	AT-1	AT-1	----	----	8'-0"	1
213	LAUNDRY	LT WT CONC	SHEET VINYL	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	AT-1	PAINT	----	----	8'-0"	1
214	MECH.	LT WT CONC	SEALER/HDR	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	VARIES	----
215	CORR.	LT WT CONC	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	AT-1	AT-1	GW-2	PAINT	VARIES	1
215A	STOR.	LT WT CONC	VINYL COMP T	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	9'-3 3/8"	----
216	STUDY ROOM	LT WT CONC	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	AT-1	AT-1	----	----	8'-0"	1
217	LAUNDRY	LT WT CONC	SHEET VINYL	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	AT-1	PAINT	----	----	8'-0"	1
218	MECH.	LT WT CONC	SEALER/HDR	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	VARIES	----
219	BRI DGE	LT WT CONC	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	VARIES	1
A101	KITCHEN	CONCRETE	VINYL COMP T	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	VARIES	1,4,5
A102	LIVING/DINING	CONCRETE	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	VARIES	1,4,5
A103	HALL	CONCRETE	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	VARIES	1,4,5
A104	CLO.	CONCRETE	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	VARIES	1,4,5
A105	BATH	CONCRETE	SHEET VINYL	----	----	VBC	----	GYPSUM BOARD	PAINT	GYPSUM BOARD	CERAMIC TILE	GW-1	PAINT	----	----	VARIES	1,2,4,5
A106	BEDROOM	CONCRETE	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	VARIES	1,4,5
A107	CLO.	CONCRETE	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	VARIES	1,4,5
B10	LIVING AREA	CONCRETE	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	8'-8 1/2"	1
B102	TOILET	CONCRETE	SHEET VINYL	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	GW-2	PAINT	----	----	8'-0"	1
C10	LIVING AREA	CONCRETE	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	VARIES	1,4,5
C102	TOILET	CONCRETE	SHEET VINYL	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	VARIES	1,4,5
D101	KITCHEN	CONCRETE	VINYL COMP T	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	8'-8 1/2"	1
D102	LIVING/DINING	CONCRETE	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	8'-8 1/2"	1
D103	HALL	CONCRETE	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	8'-8 1/2"	1
D104	CLO.	CONCRETE	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	GW-2	PAINT	----	----	8'-0"	1
D105	BATH	CONCRETE	SHEET VINYL	----	----	VBC	----	GYPSUM BOARD	PAINT	GYPSUM BOARD	CERAMIC TILE	GW-2	PAINT	----	----	8'-8 1/2"	1,2
D106	BEDROOM	CONCRETE	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	8'-8 1/2"	1
D107	CLO.	CONCRETE	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	8'-8 1/2"	1
E10	STUDY AREA	CONCRETE	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	VARIES	1,4,5
E102	LIVING AREA	CONCRETE	CARPET	----	----	VBS	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	VARIES	1,4,5
E103	TOILET	CONCRETE	SHEET VINYL	----	----	VBC	----	GYPSUM BOARD	PAINT	----	----	GW-1	PAINT	----	----	VARIES	1,4,5





NOTES:
① INDICATES WINDOW TYPE - SEE SHEET A5.20 FOR DIMENSIONS AND DETAILS.

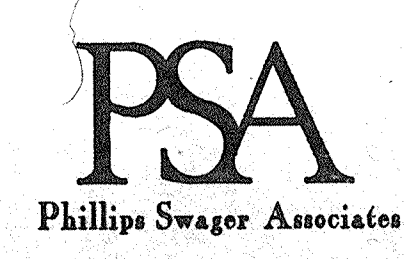
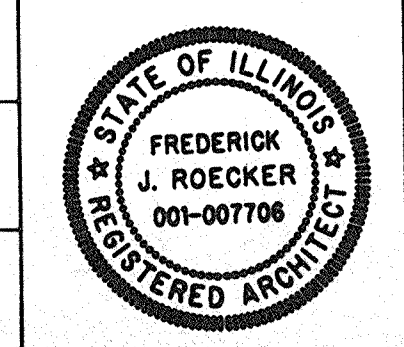
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REVISIONS			DRAWN	PREP.			Architects Engineers Planners	1771 W. Diehl Road Naperville, Illinois 60540 (312) 963-5445		STATE	OF	ILLINOIS	BUILDING SECTIONS & ELEVATIONS		PROJECT NUMBER
NO.	DATE	REMARKS	BRH										1735.26		
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			BRH										SHEET NUMBER	A4.10	
			CHECKED	APROV.										OF 15 SHEETS	
			BRH												
										CAPITAL DEVELOPMENT BOARD		ILLINOIS MATHEMATICS AND SCIENCE ACADEMY PHASE 8 - STUDENT HOUSING			
										C.D.B. PROJECT NUMBER 759-050-001 PH8		RANDALL ROAD AND SULLIVAN ROAD AURORA, ILLINOIS			

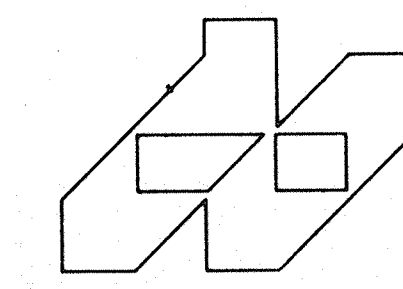


These Record Drawings have been prepared, in part, from information provided by others. The Architect will not be responsible for any errors or omissions in the information or records from which these drawings have been prepared.

REVISIONS			DRAWN	PREP.	 PSA Phillips Swager Associates			 Architects Engineers Planners 1771 W. Diehl Road Naperville, Illinois 60540 (312) 983-5445			STATE OF ILLINOIS CAPITAL DEVELOPMENT BOARD C.D.B. PROJECT NUMBER 759-050-001 PH8			WALL SECTIONS & DETAILS			1735.26	
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			DTP											RANDALL ROAD AND SULLIVAN ROAD			SHEET NUMBER	
			CHECKED	APROV.										AURORA, ILLINOIS			A 5.11	
			BRH					OF 15 SHEETS										



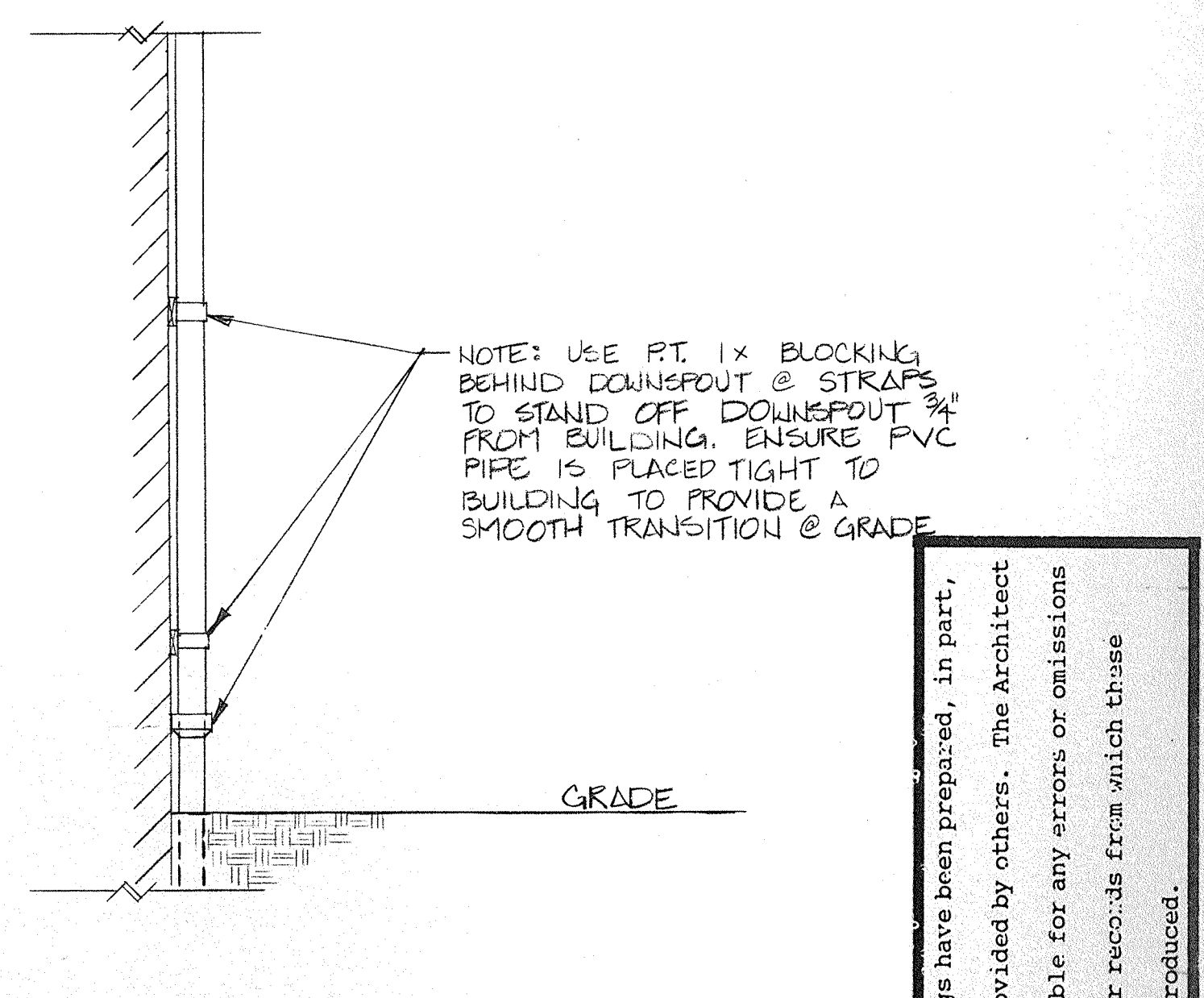
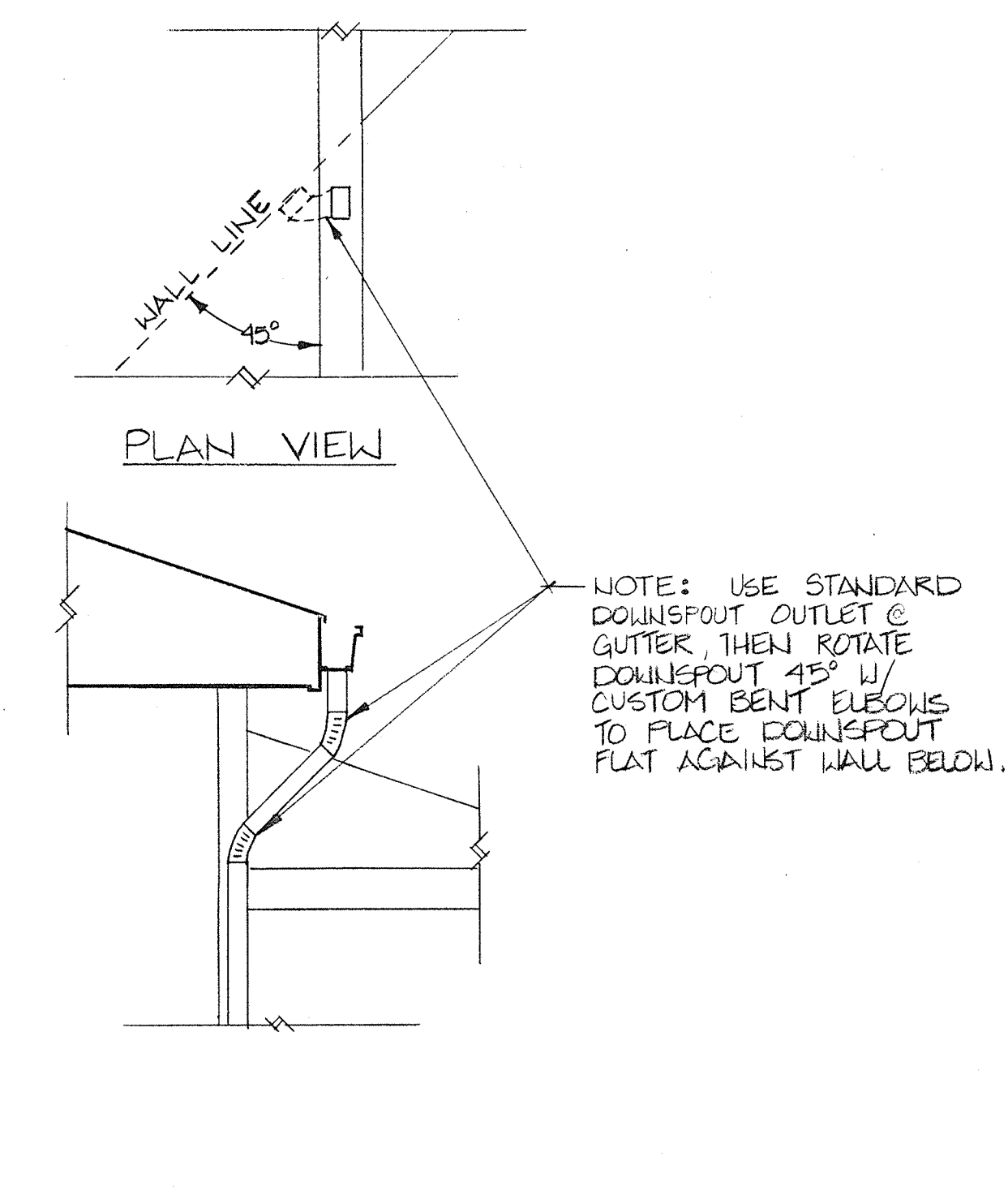
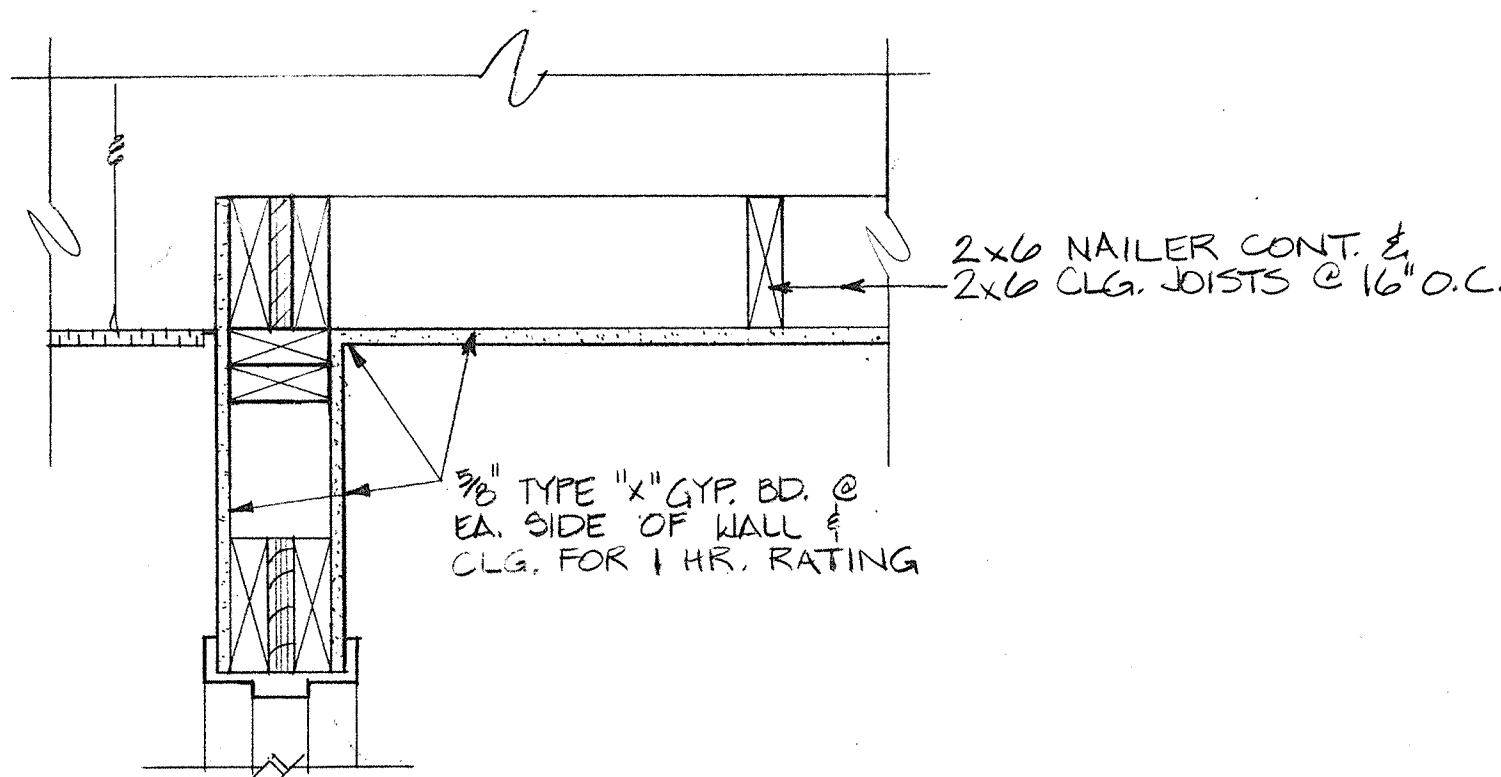
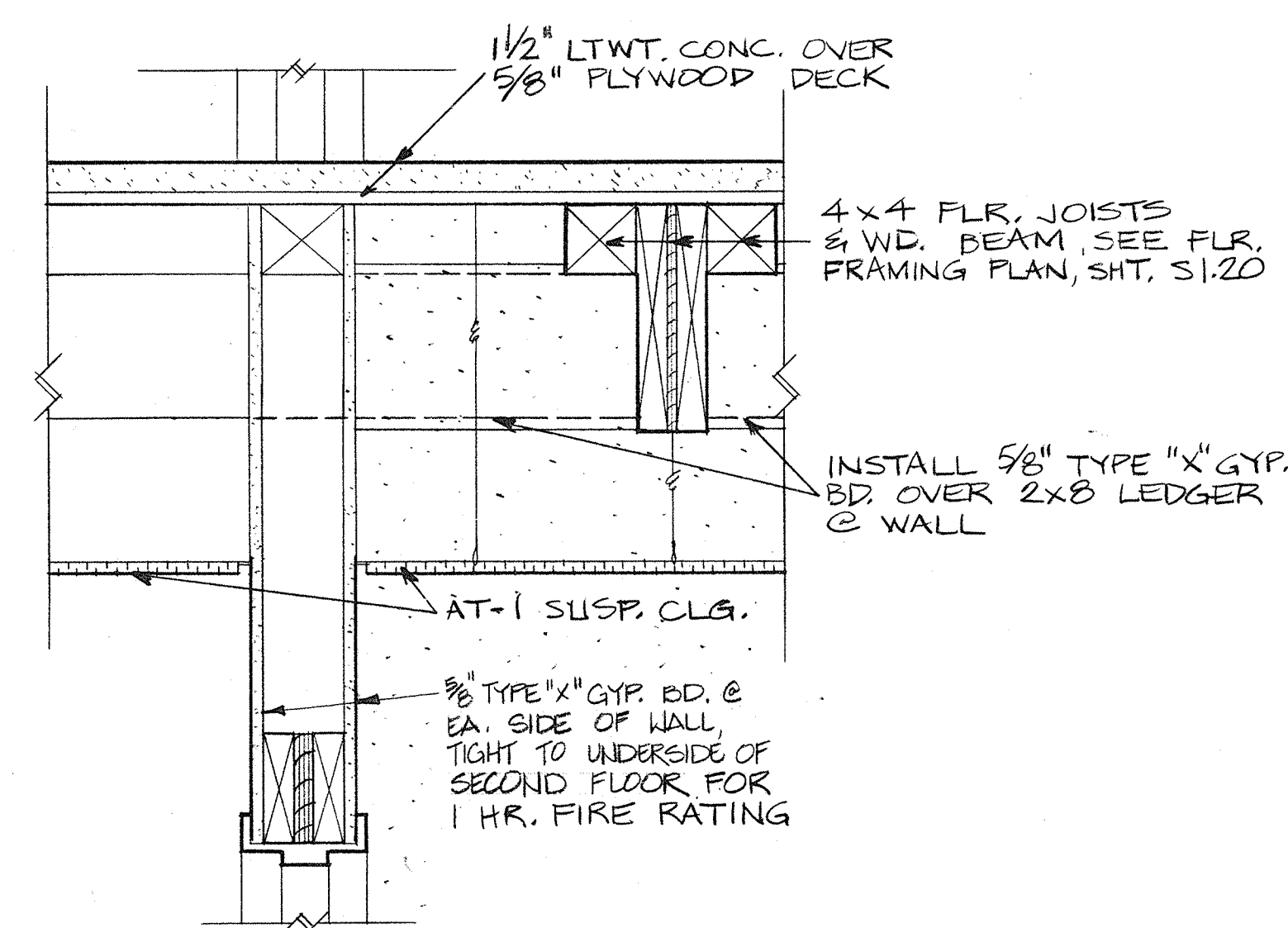
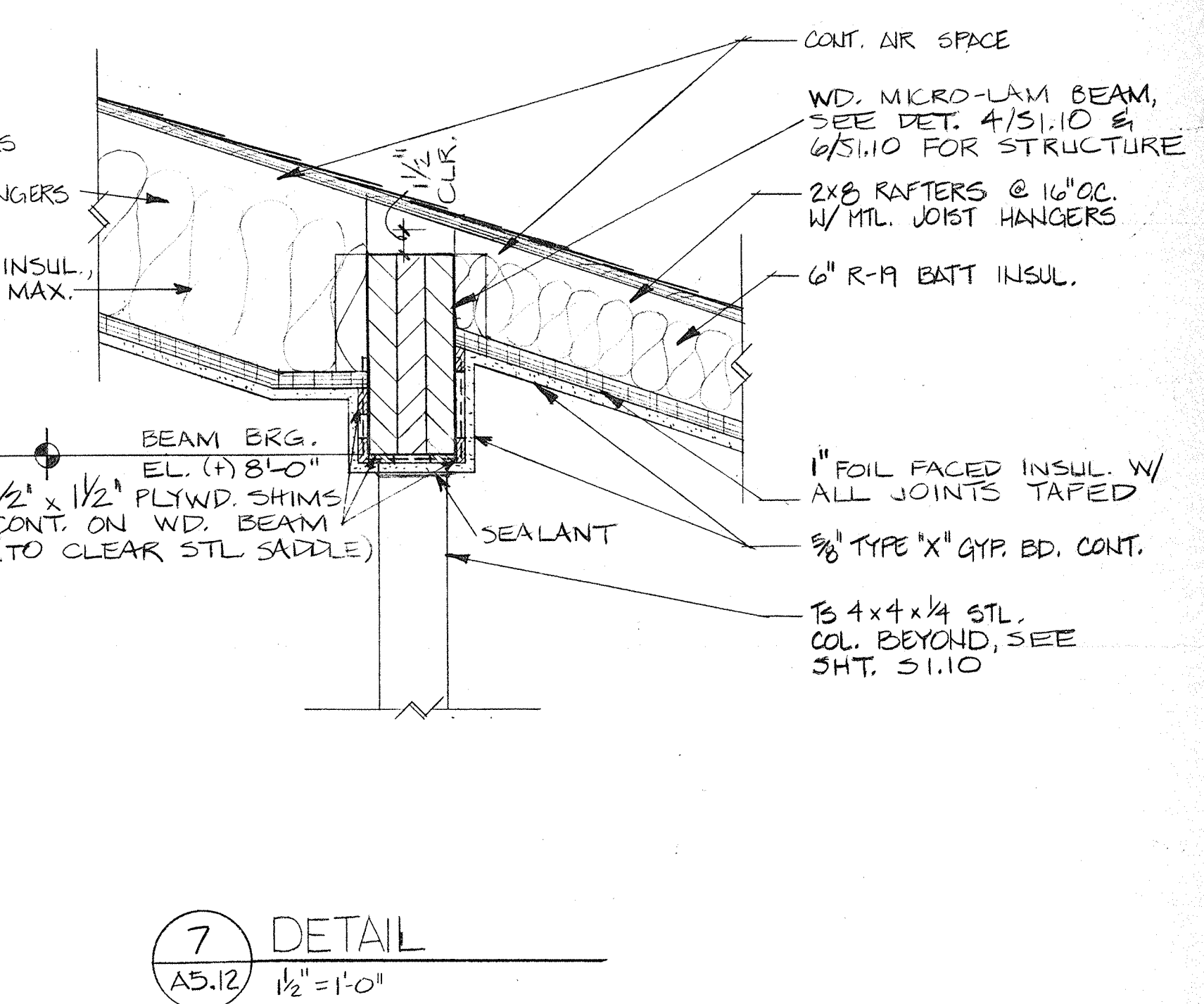
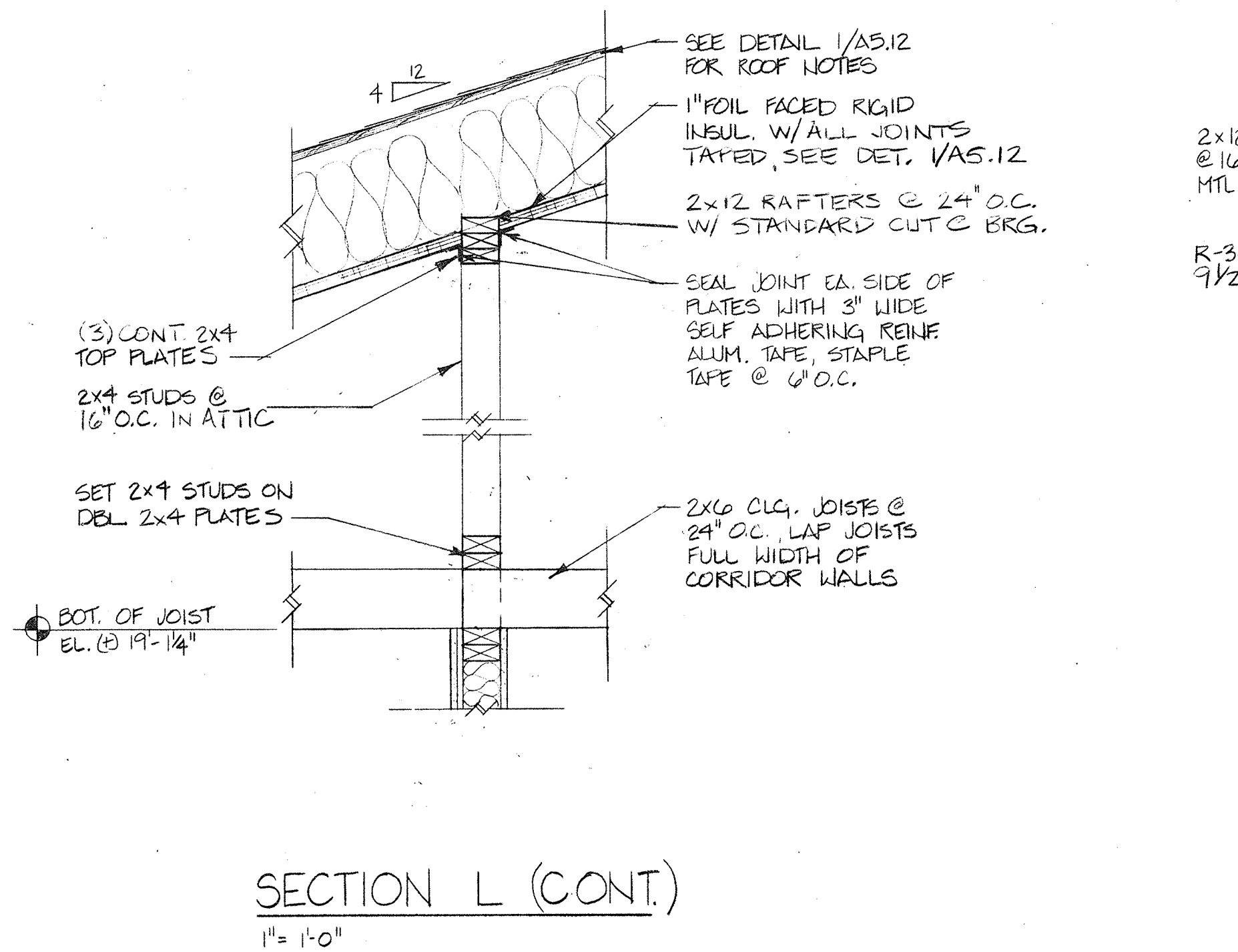
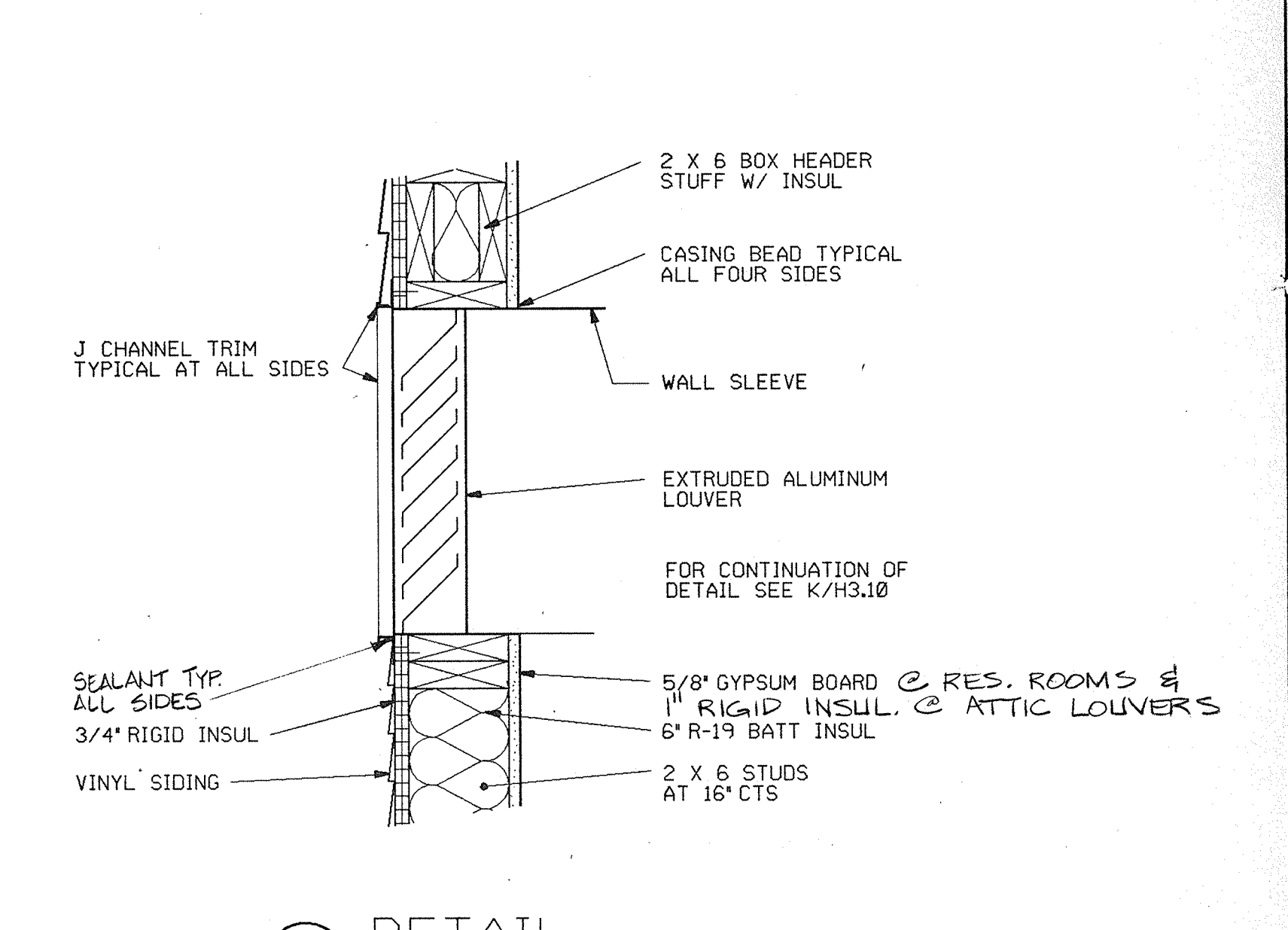
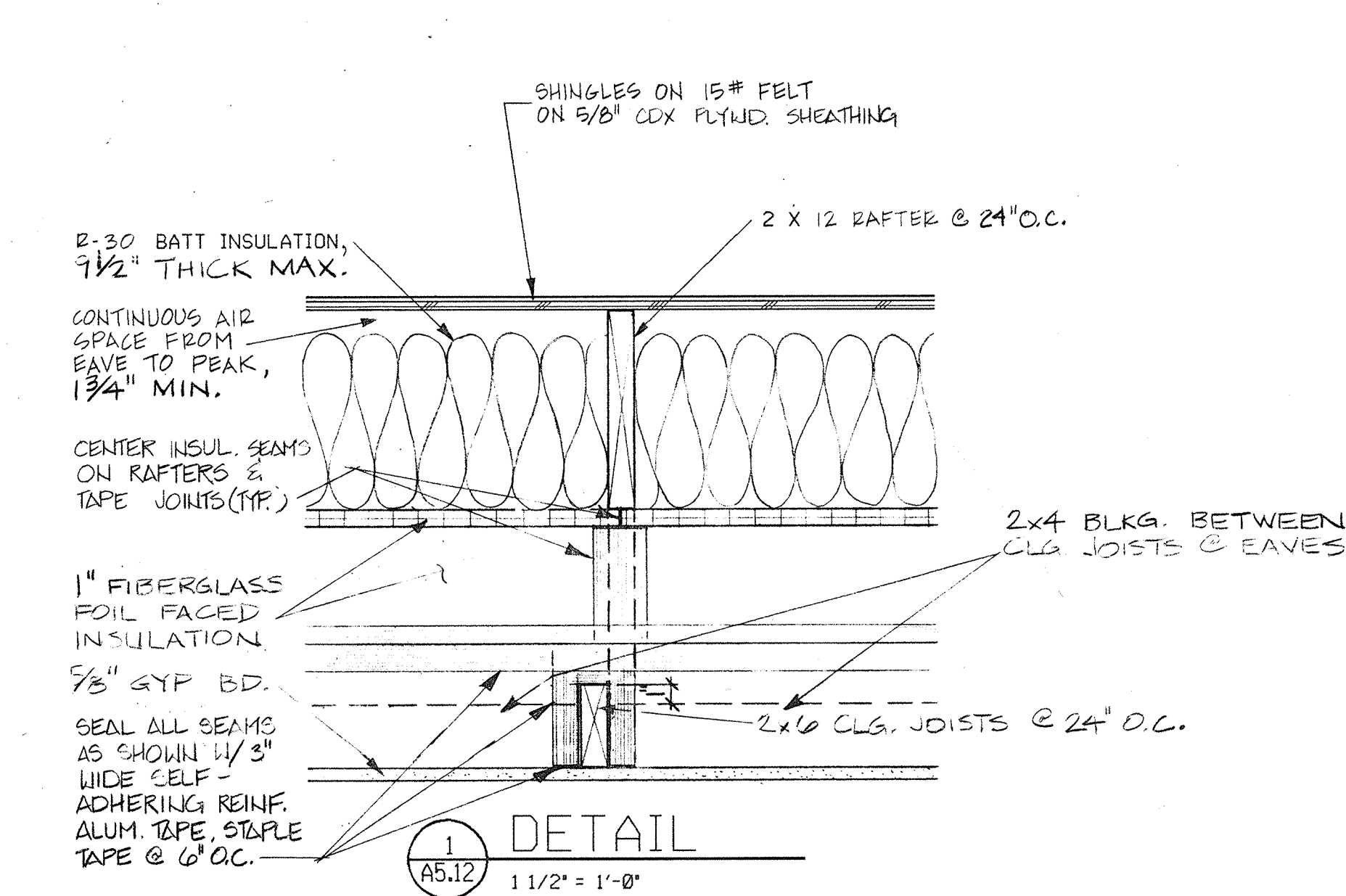
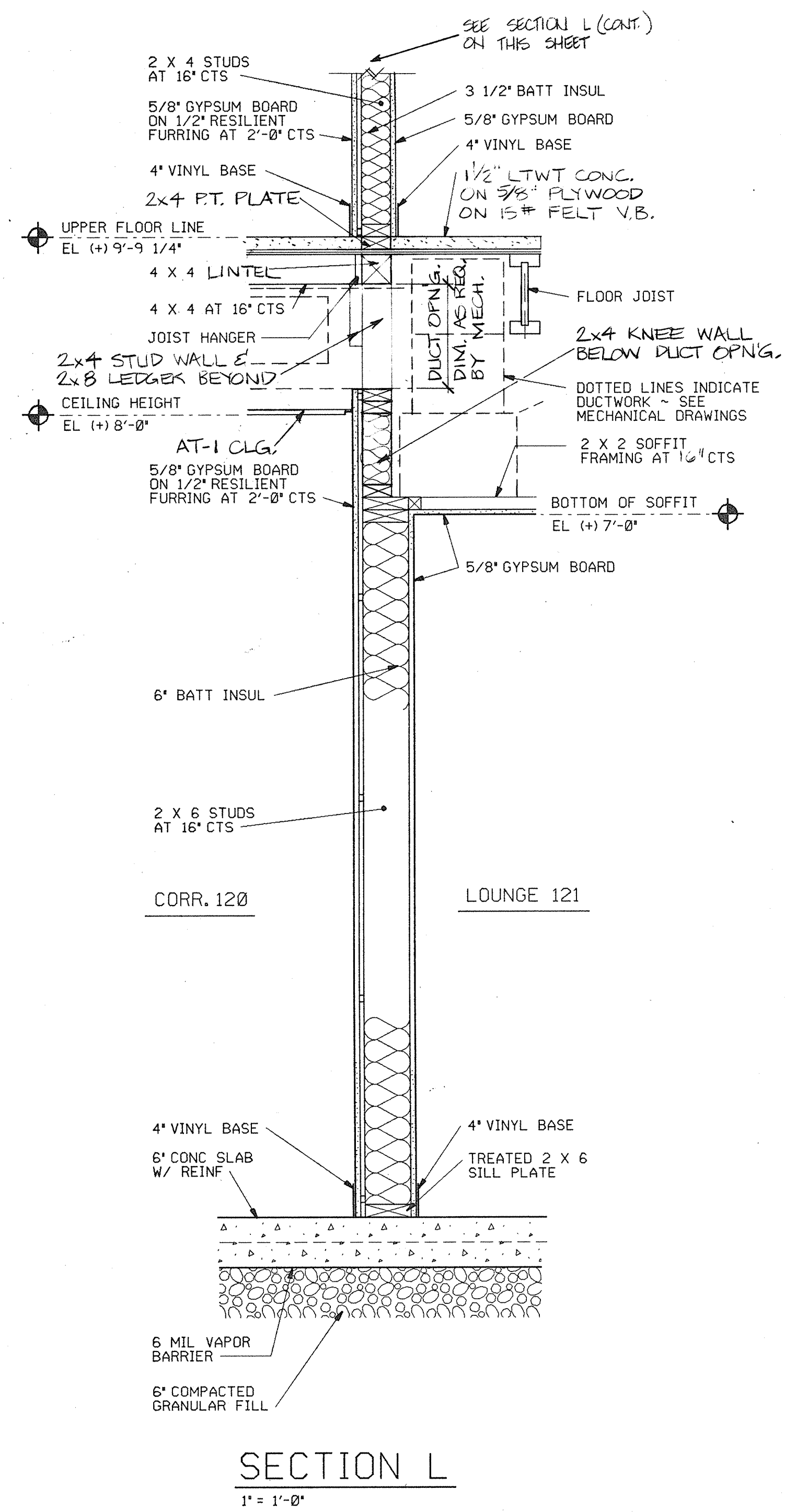
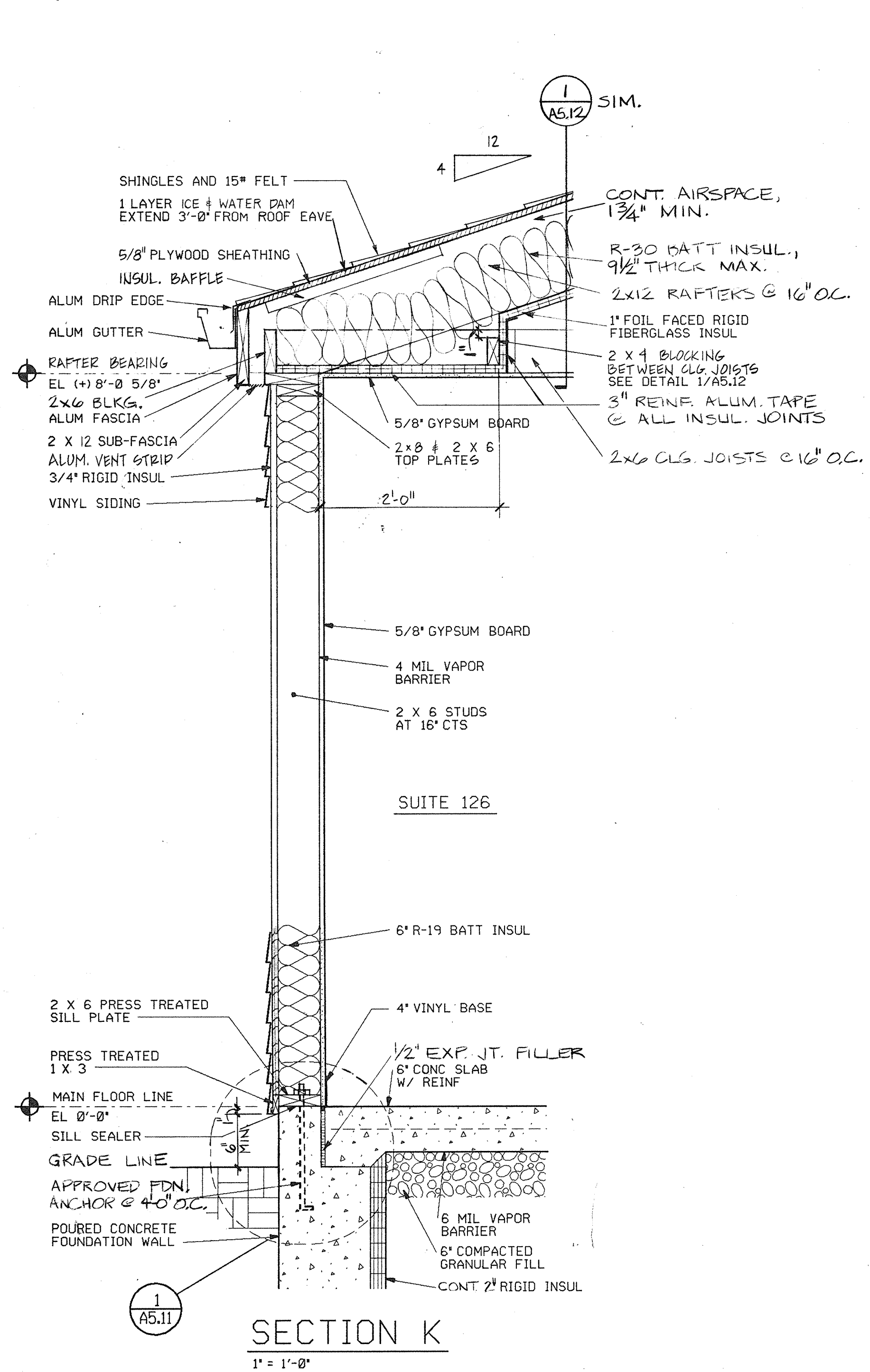
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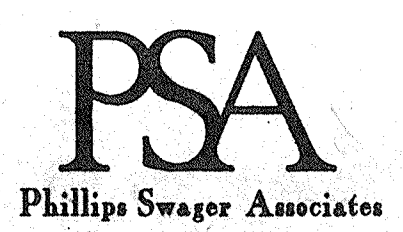
STATE OF ILLINOIS
CAPITAL DEVELOPMENT BOARD
C.D.B. PROJECT NUMBER 759-050-001 PH8

WALL SECTIONS & DETAILS
ILLINOIS MATHEMATICS AND SCIENCE ACADEMY
PHASE 8 - STUDENT HOUSING
RANDALL ROAD AND SULLIVAN ROAD
AURORA, ILLINOIS

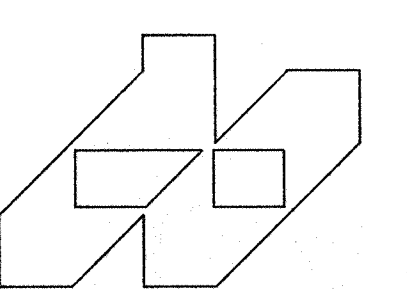
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1735.26
DATE
3-30-89
SHEET NUMBER
A 5.11
OF 15 SHEETS



REVISIONS				DRAWN		PREP.		PROJECT NUMBER		WALL SECTIONS AND DETAILS		ILLINOIS MATHEMATICAL AND SCIENCE ACADEMY		PHASE 8 - STUDENT HOUSING		RANDALL ROAD AND SULLIVAN ROAD		AURORA, ILLINOIS		PROJECT NUMBER		1735.26		DATE		2-30-89		SHEET NUMBER		A5.12		OF 15 SHEETS	
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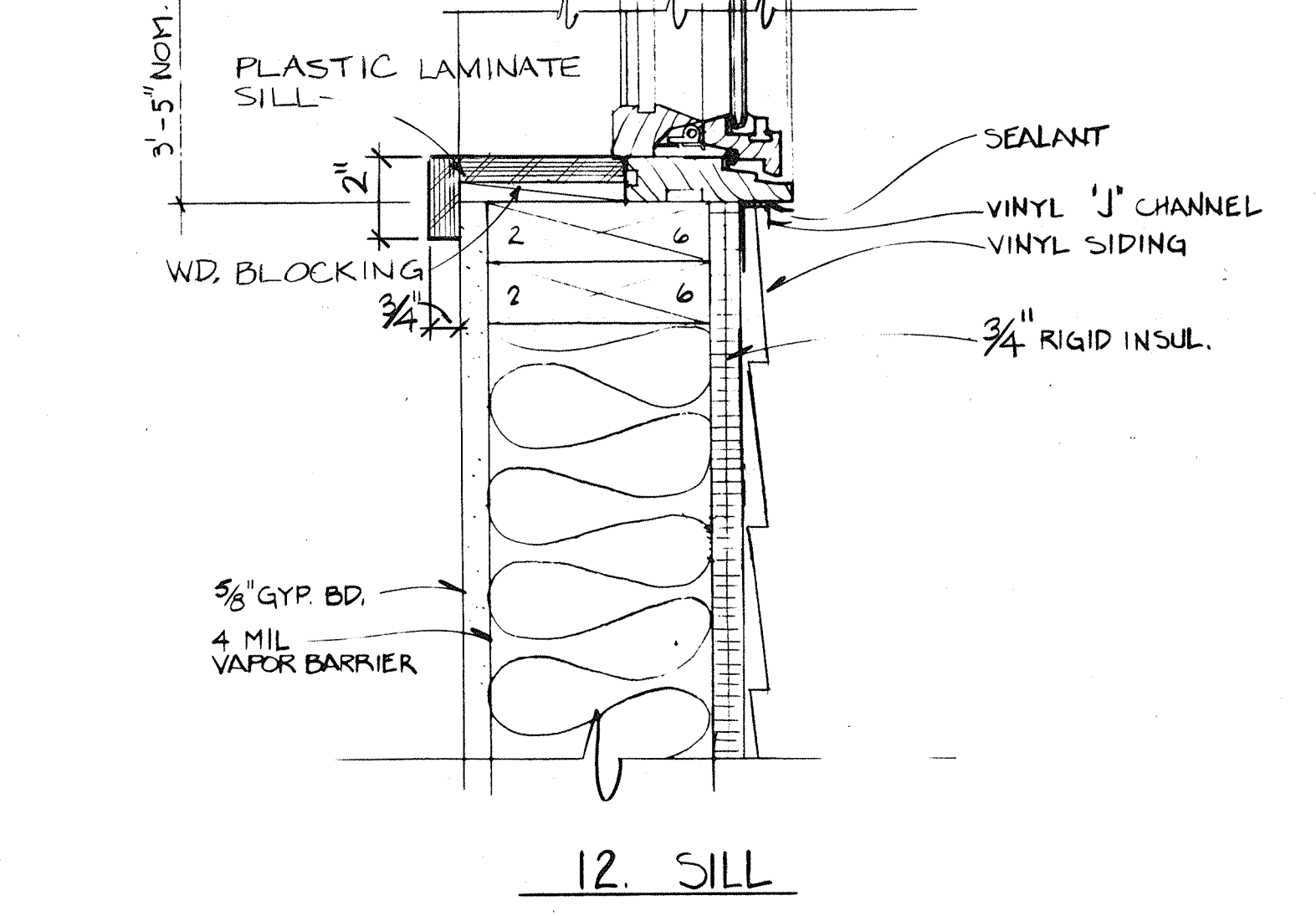
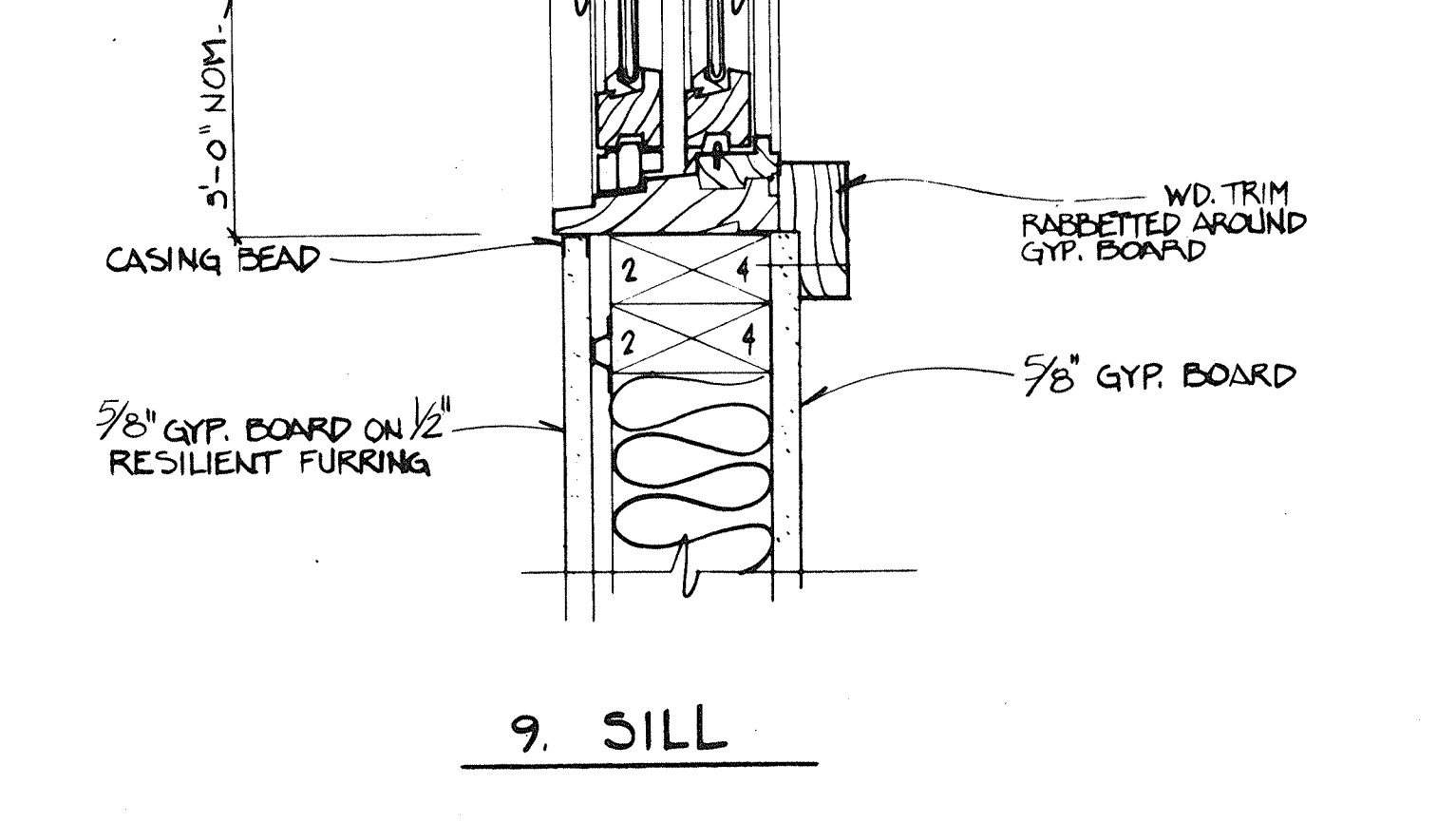
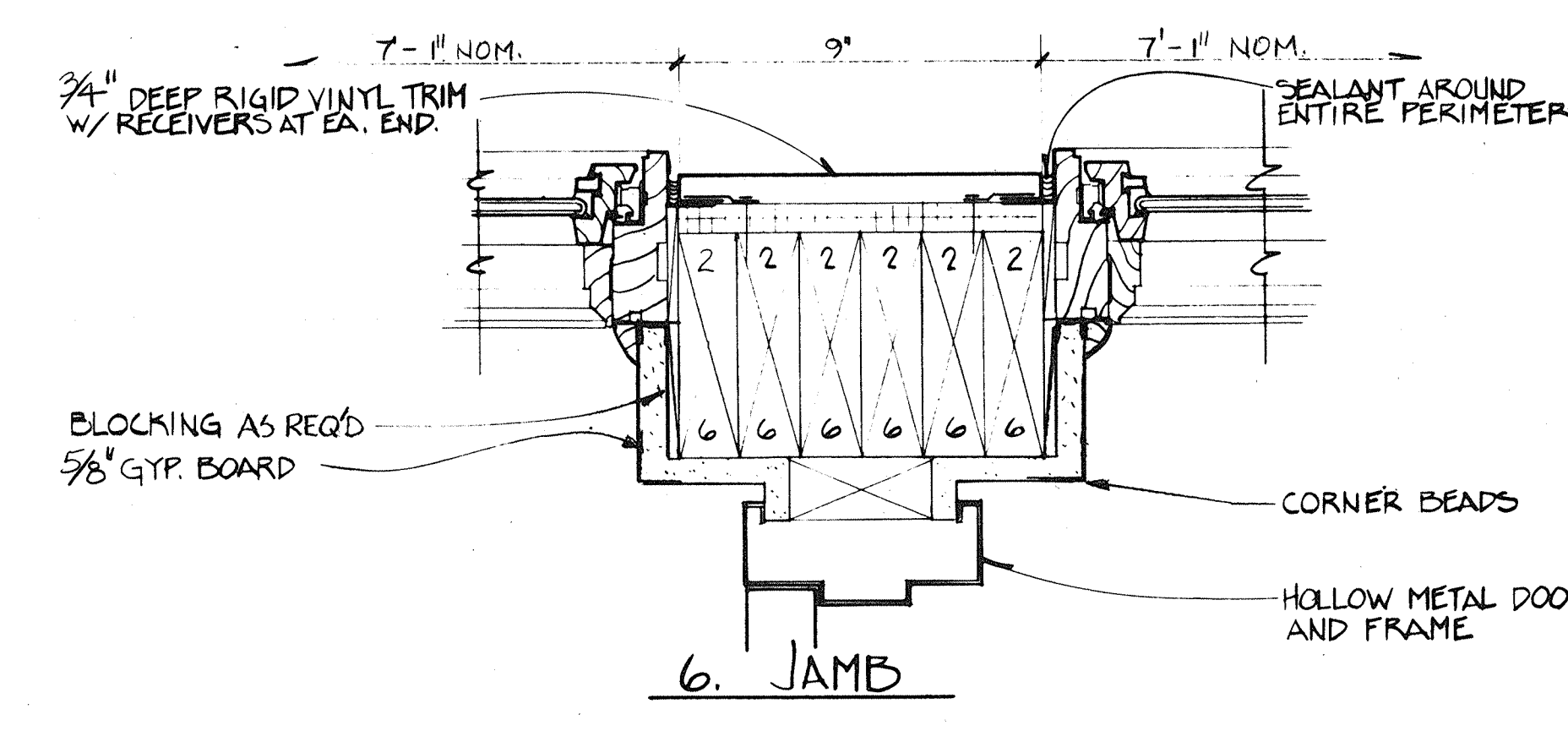
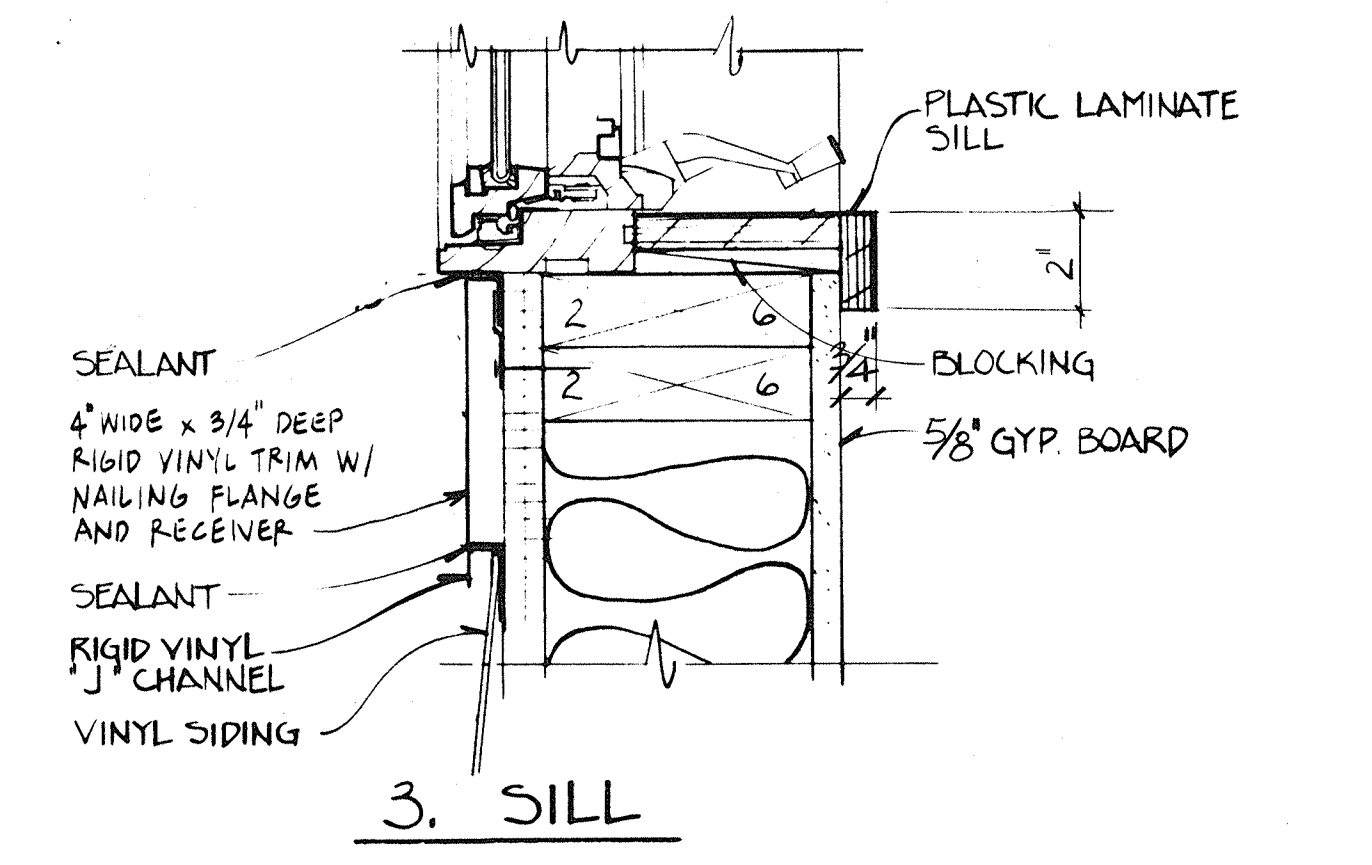
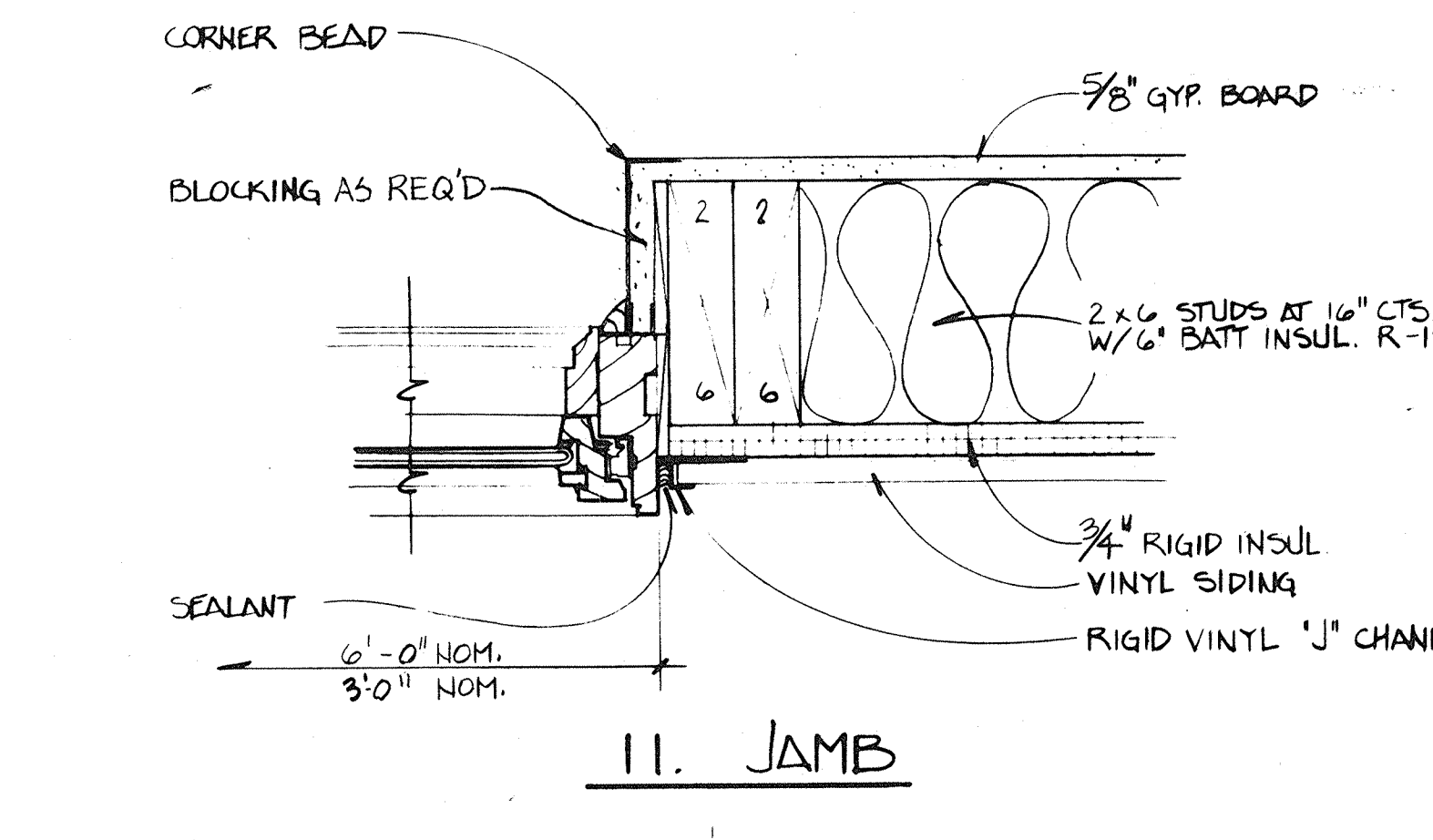
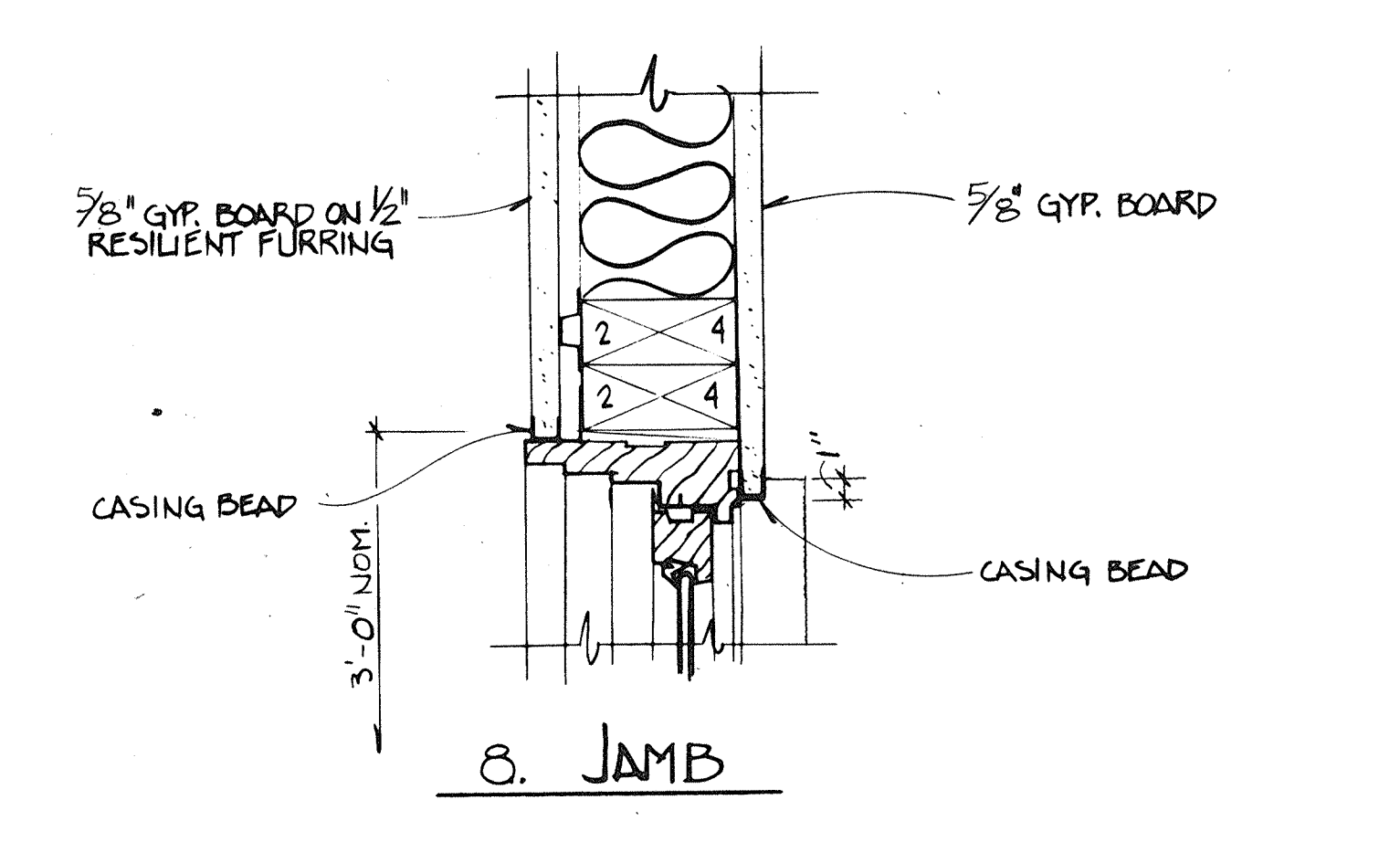
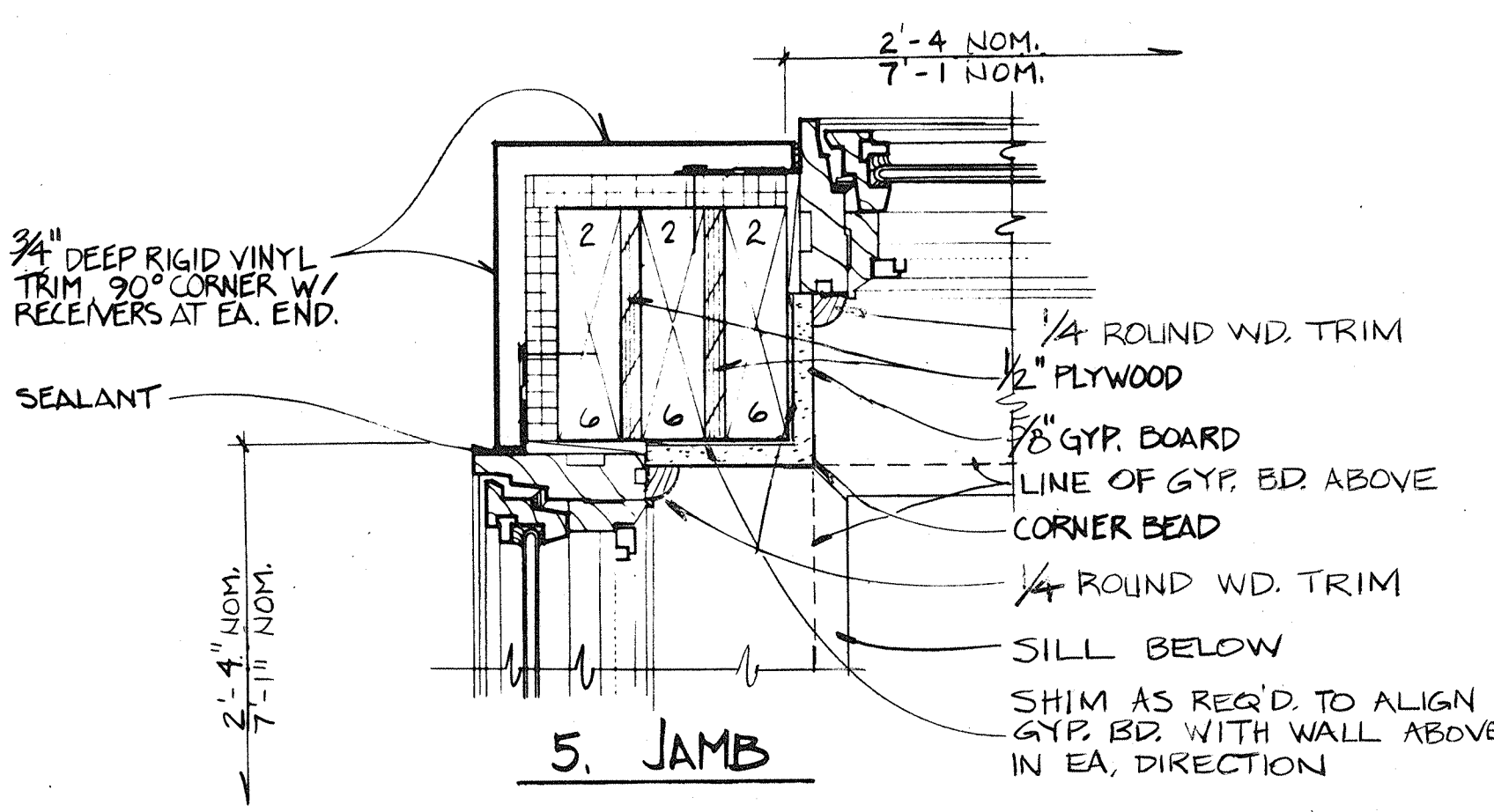
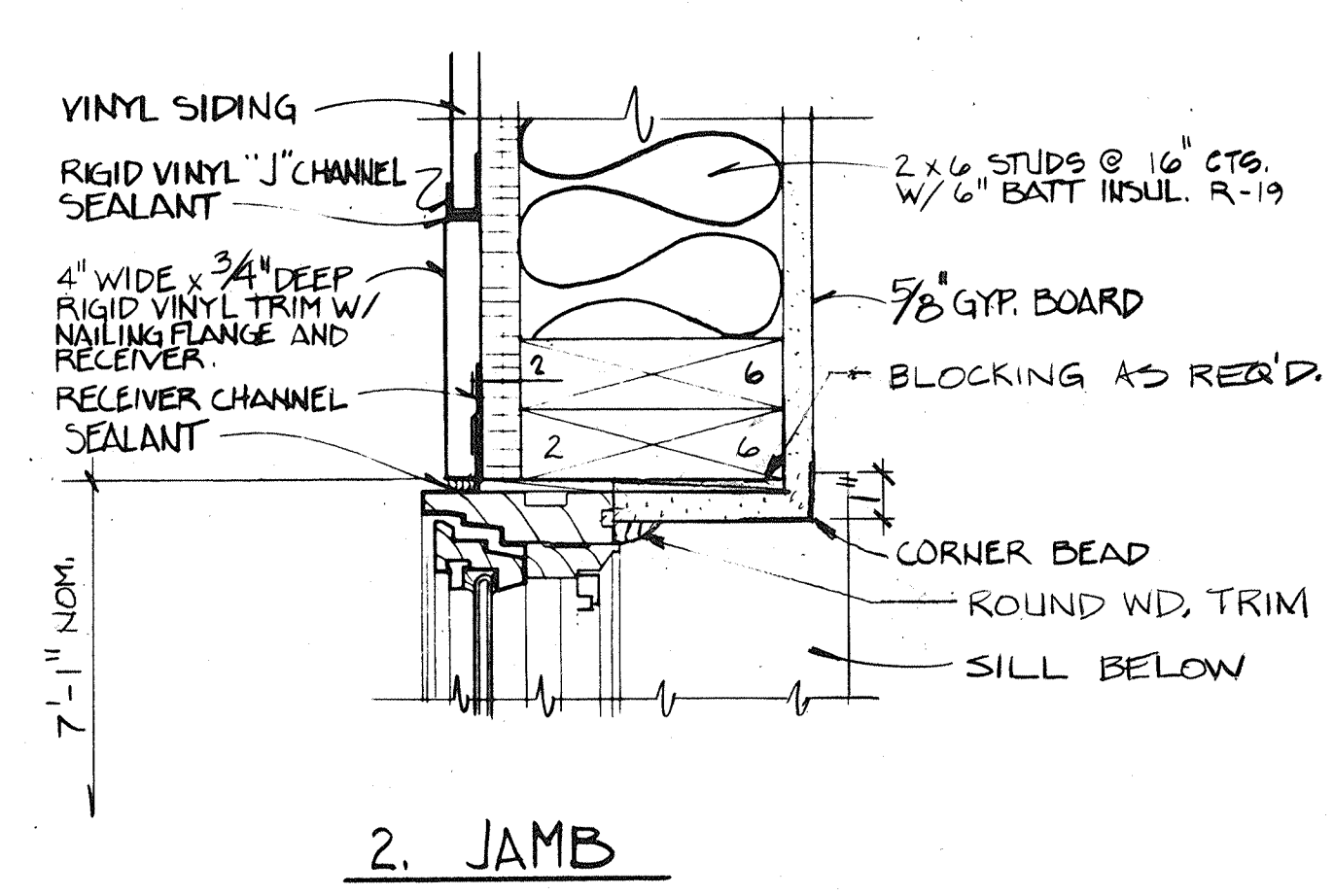
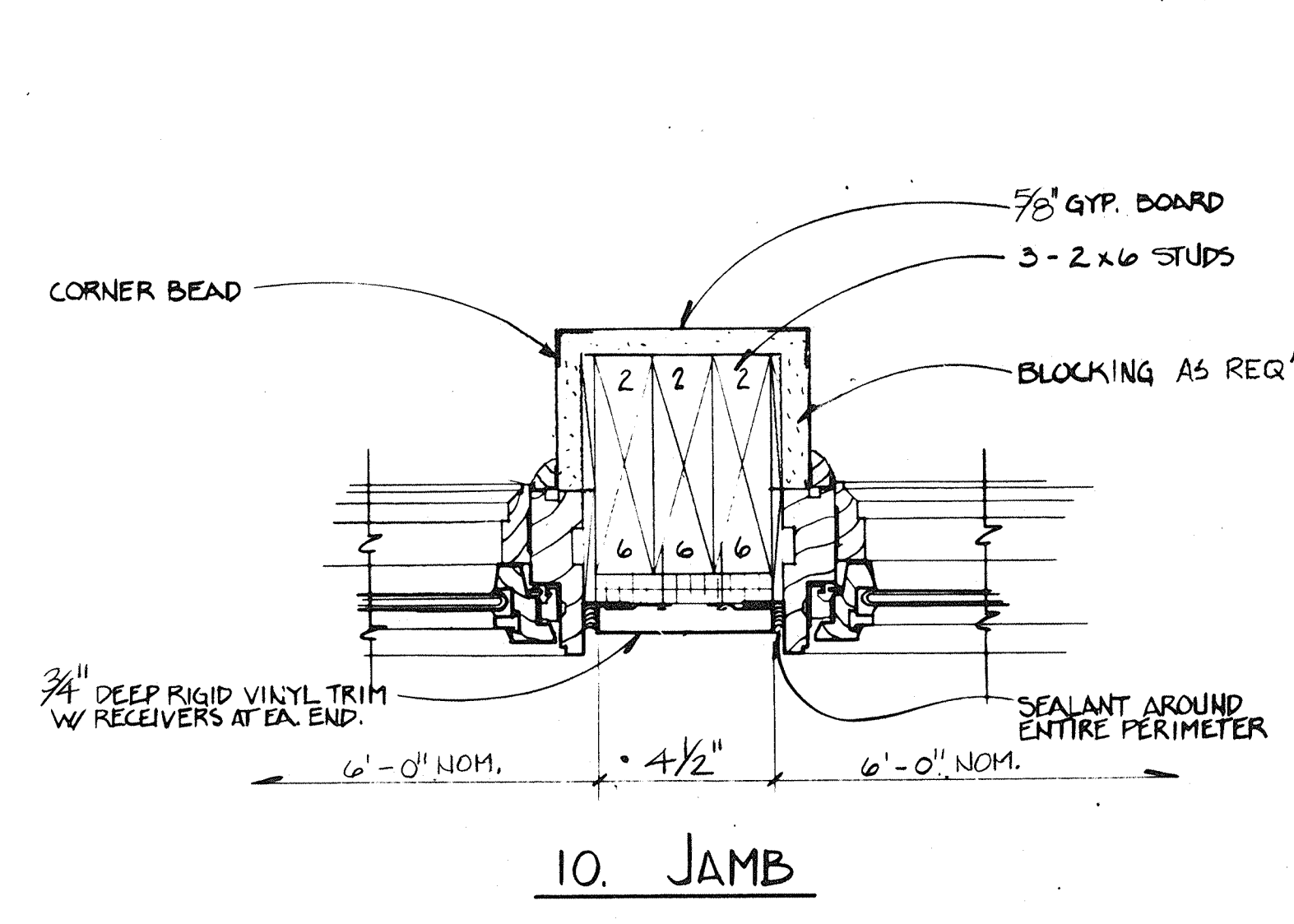
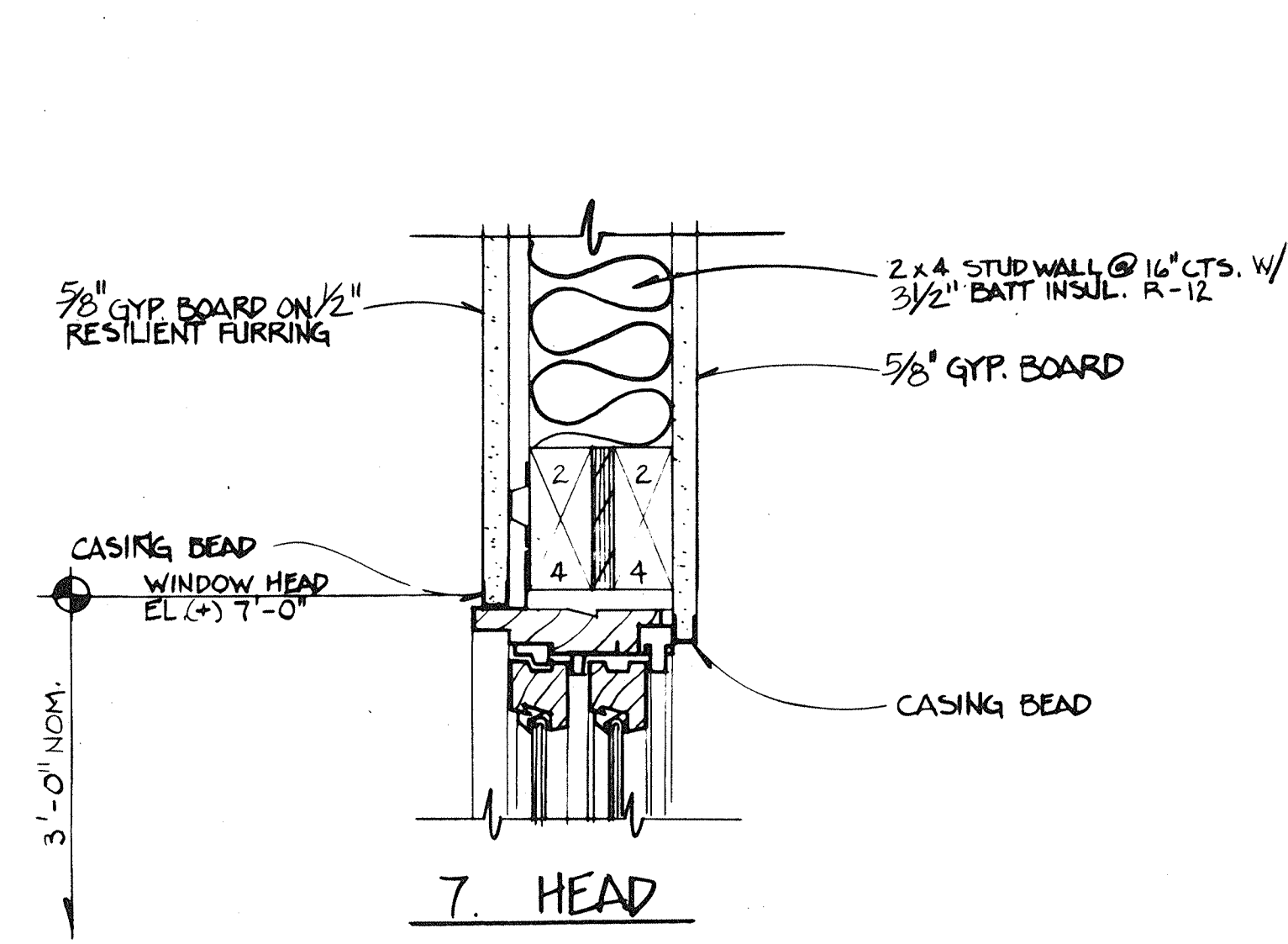
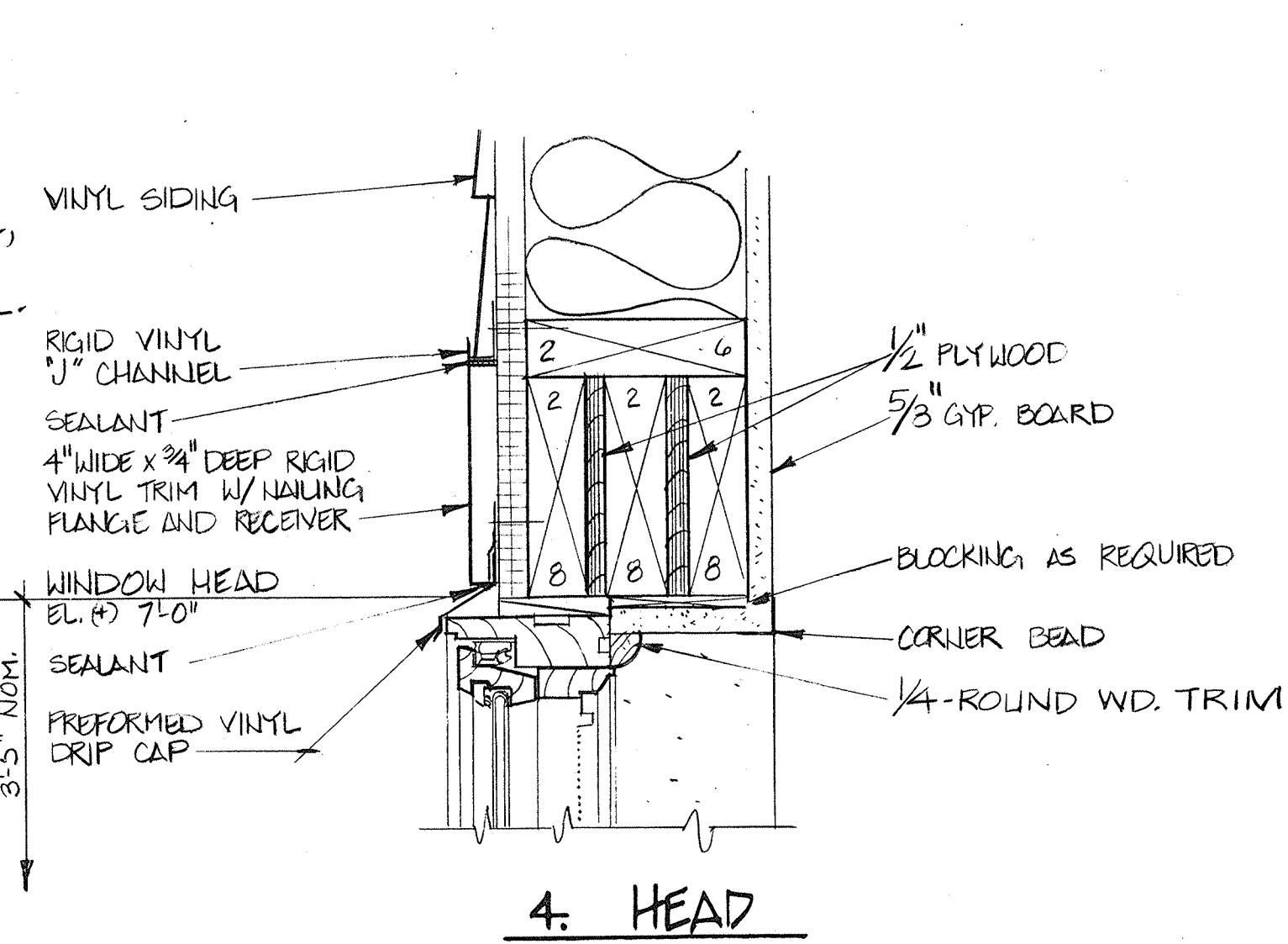
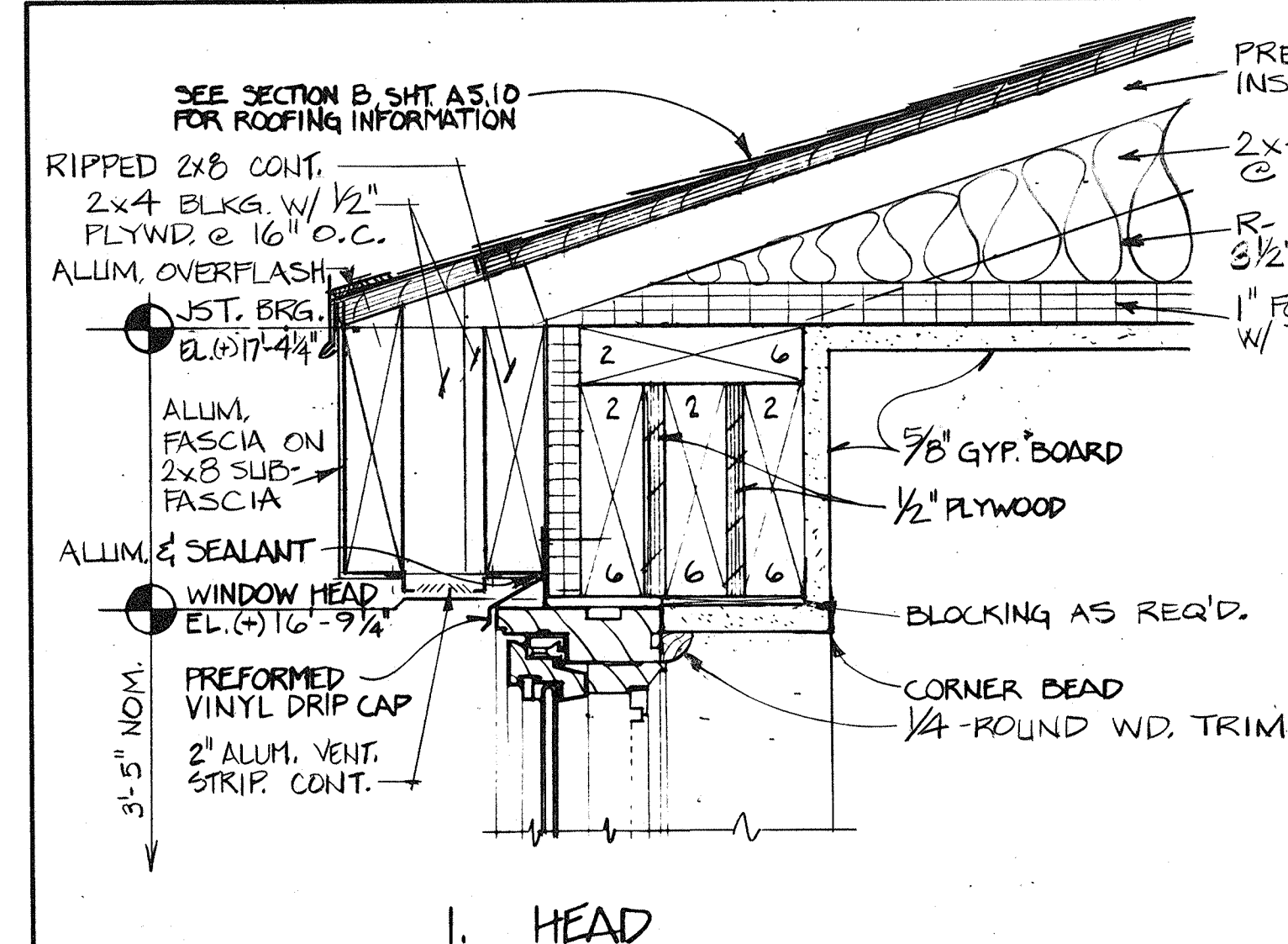


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C.D.B. PROJECT NUMBER 759-050-001 PH8

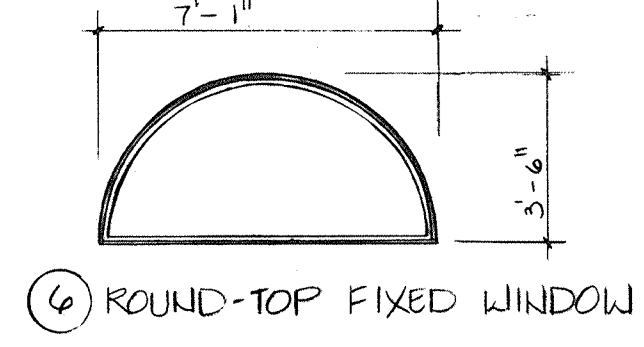
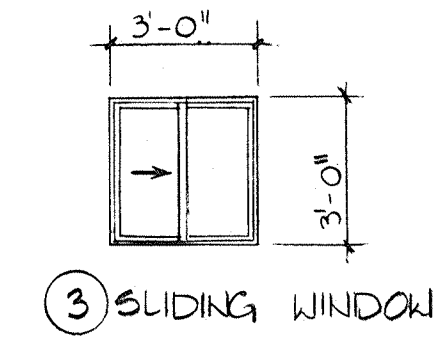
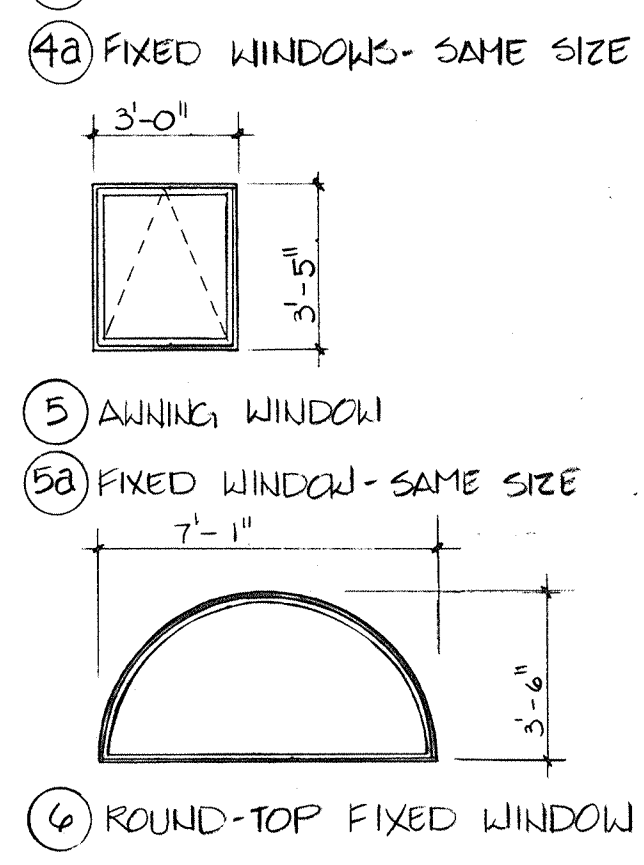
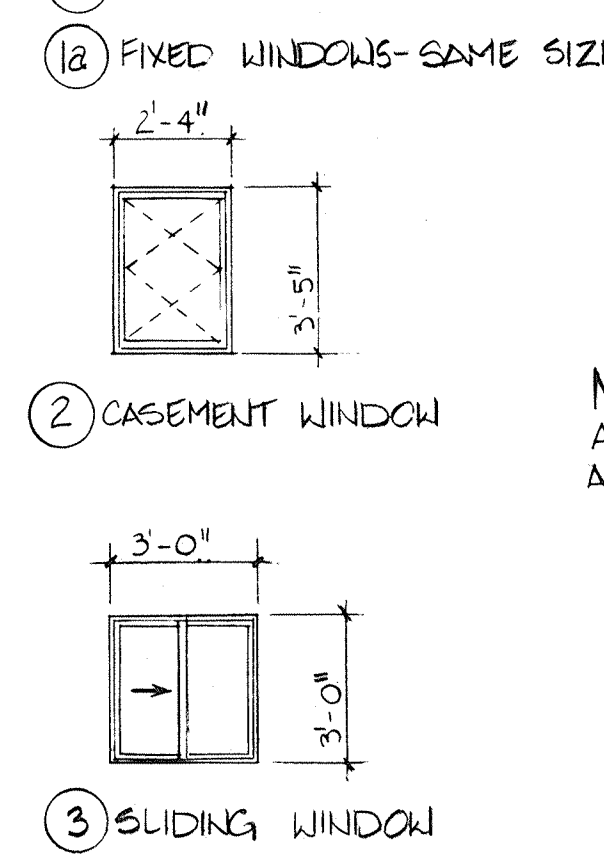
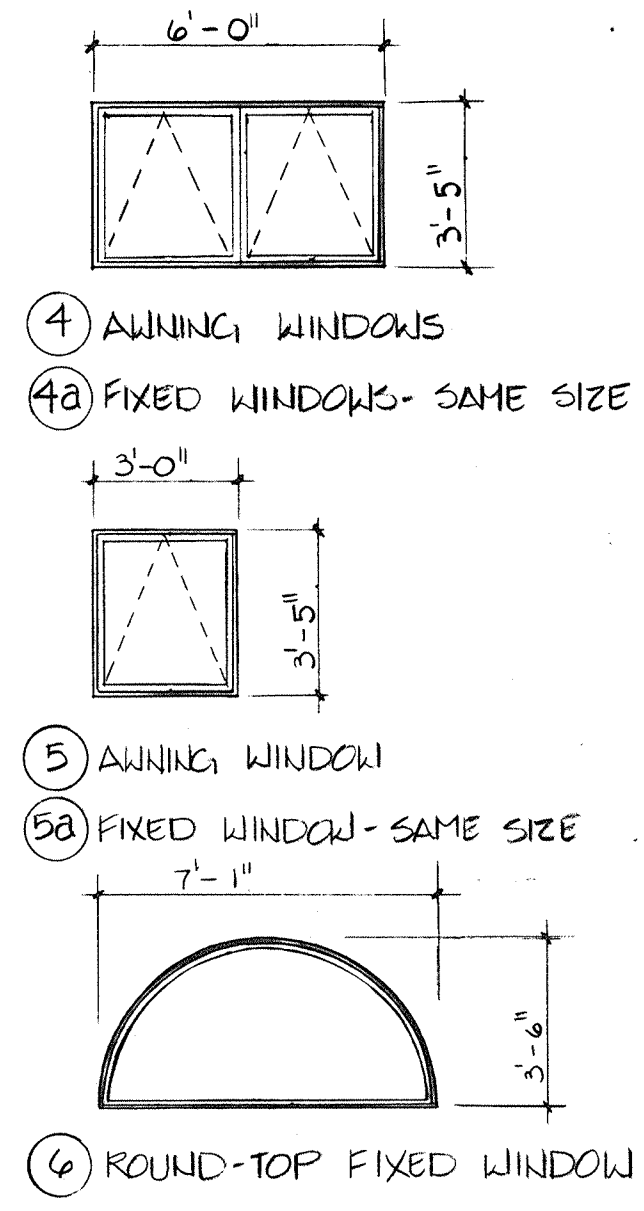
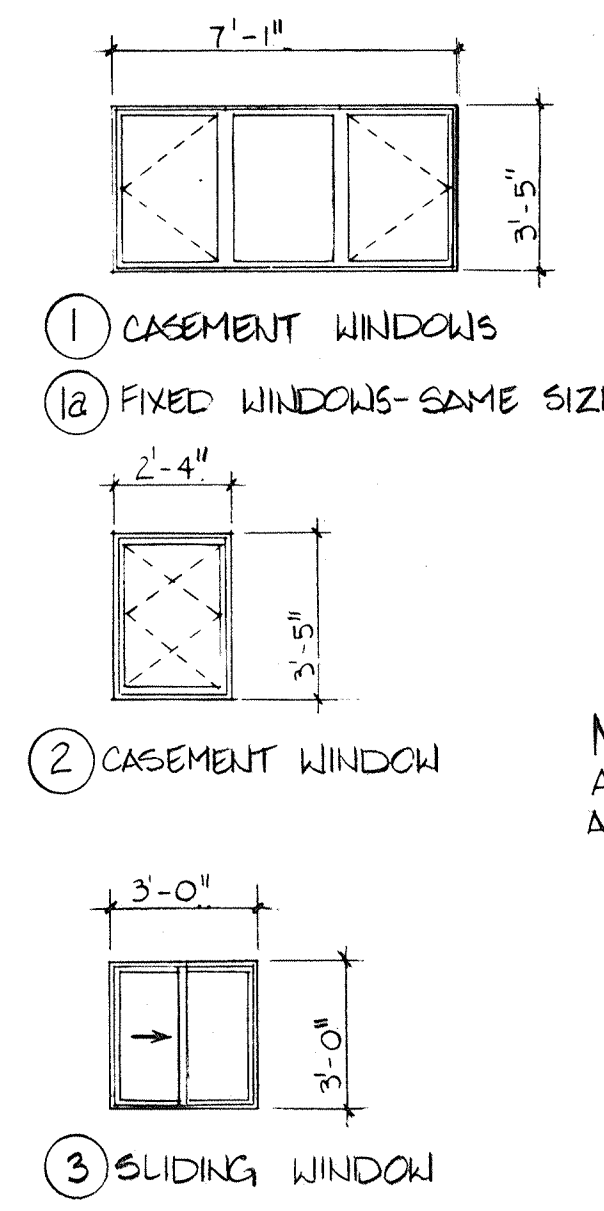
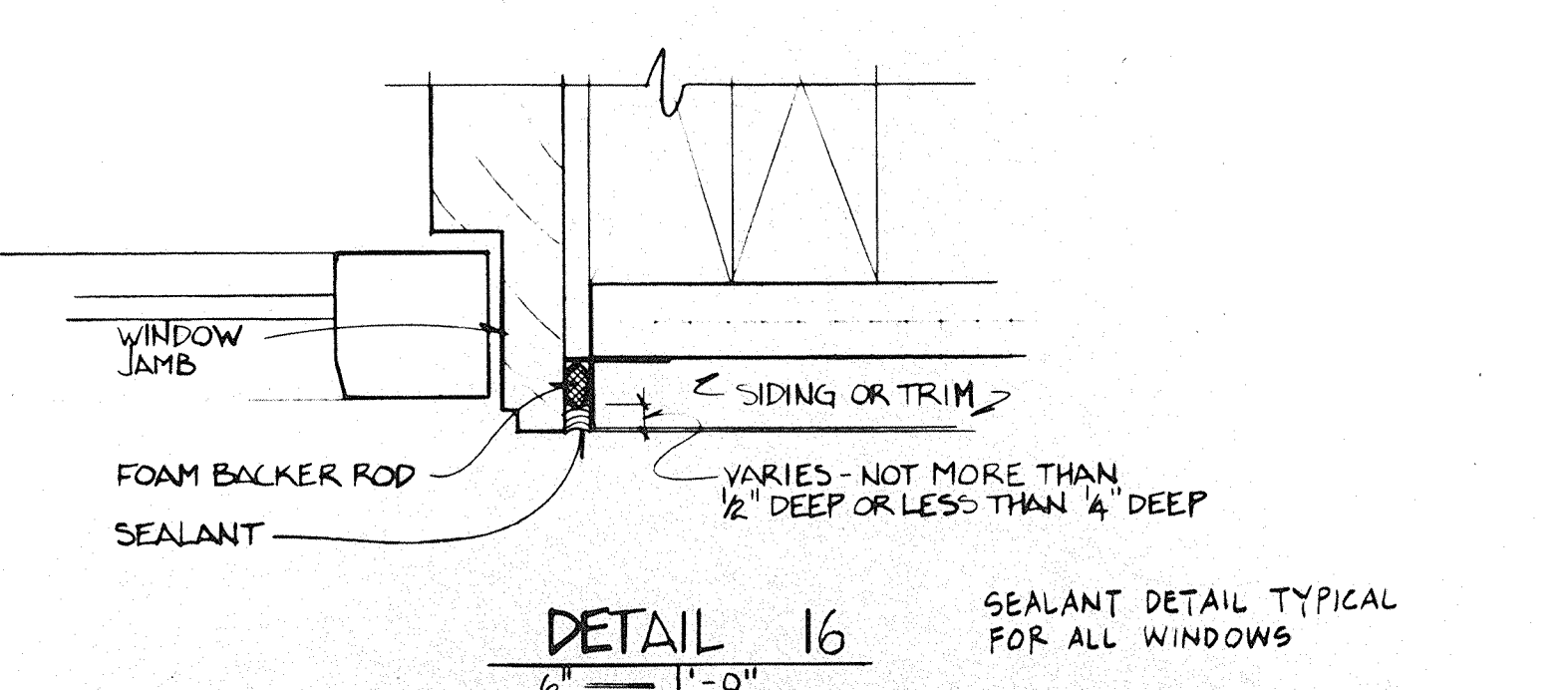
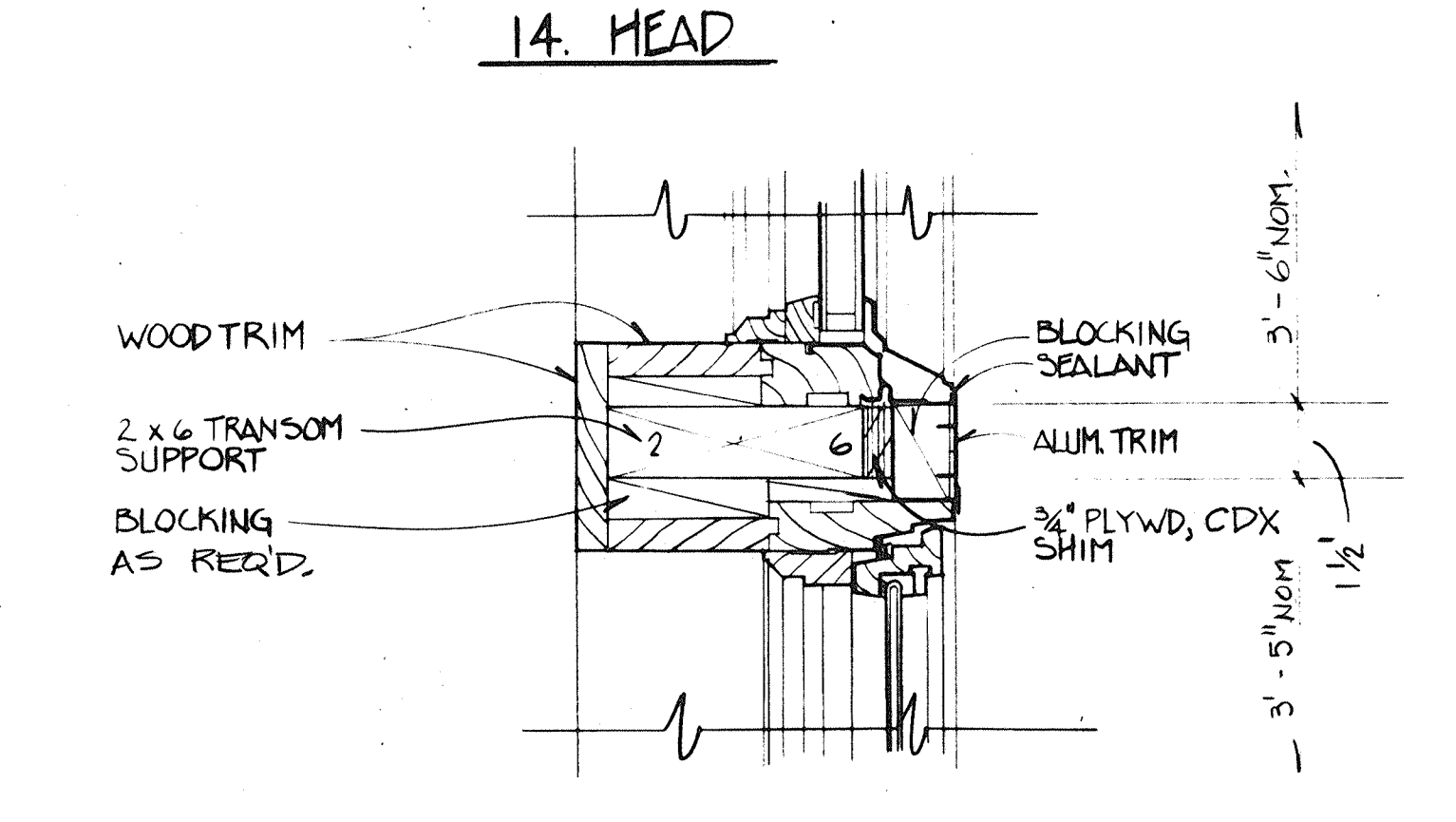
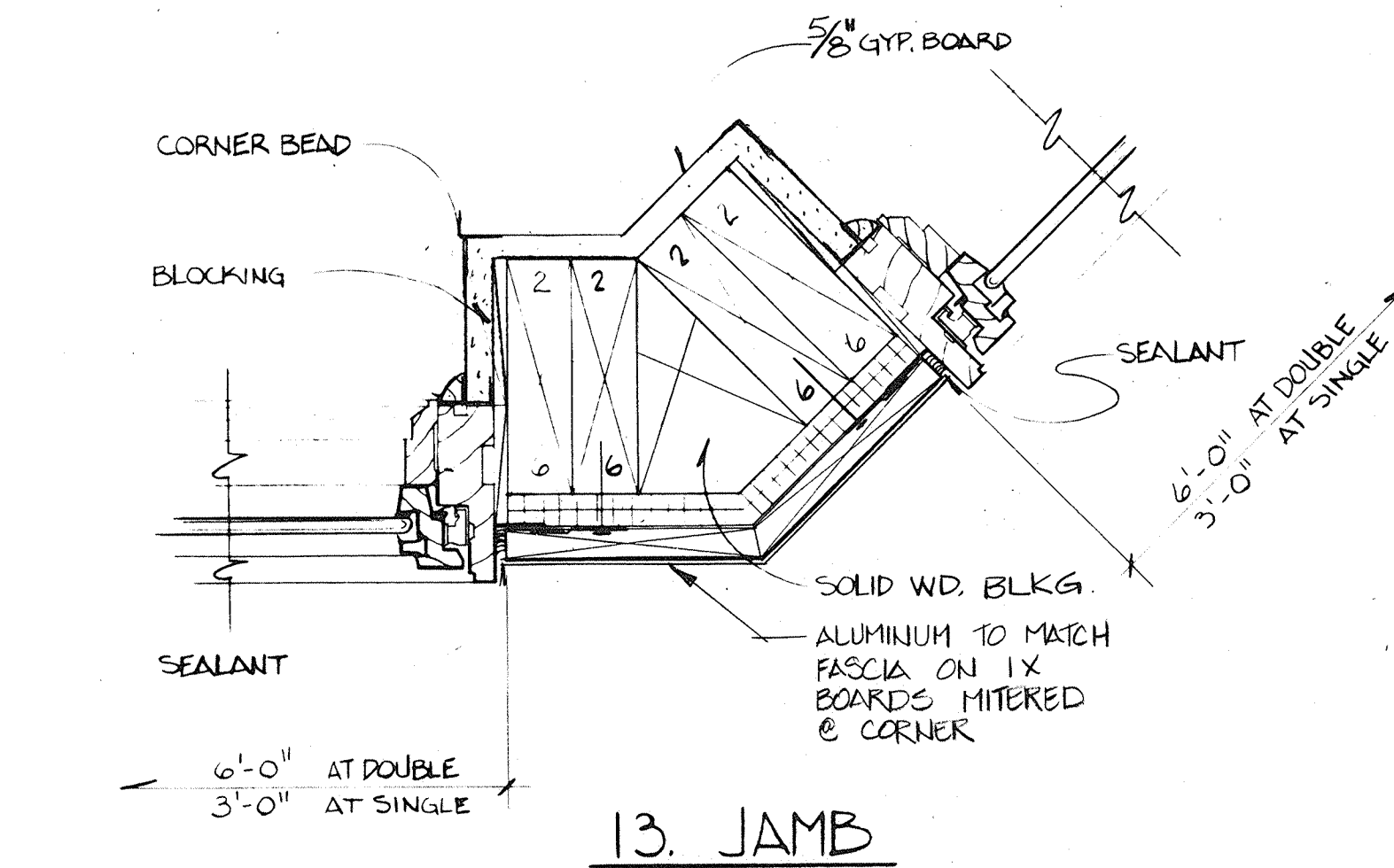
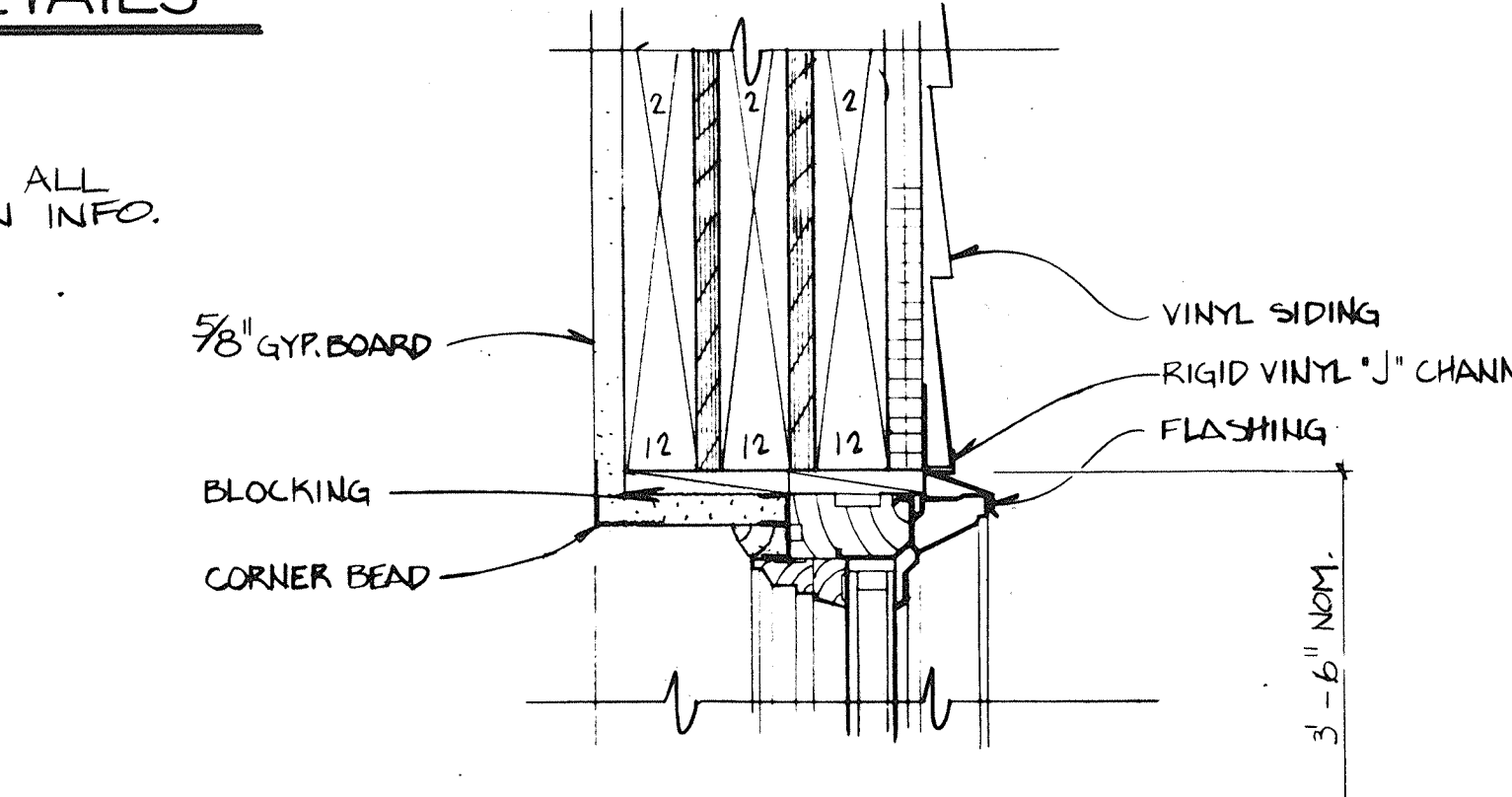
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WINDOW DETAILS

SCALE: 3" = 1'-0"

NOTE: SEE SHT. A1.21 FOR ALL RELATED PARTITION INFO.



WINDOW TYPES

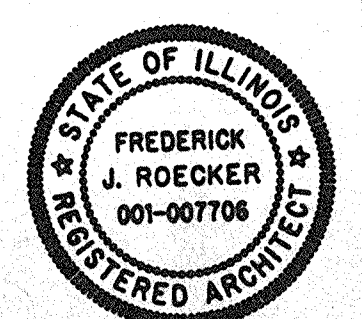
SCALE: 1/4" = 1'-0"

NOTES:
1. SEE SHTS. A1.10, A1.20 & A1.10 FOR PLAN & BLDG. SECT. WDW. LOCATIONS.
2. SEE SHTS. A5.10, A5.11 & A5.12 FOR WALL SECTION WDW. LOCATIONS.

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NO.	DATE	REVISIONS
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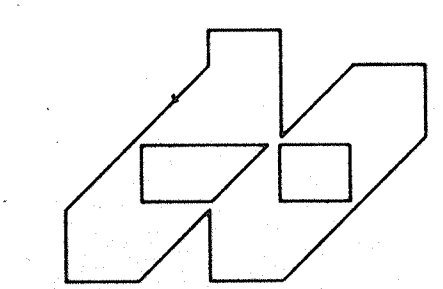
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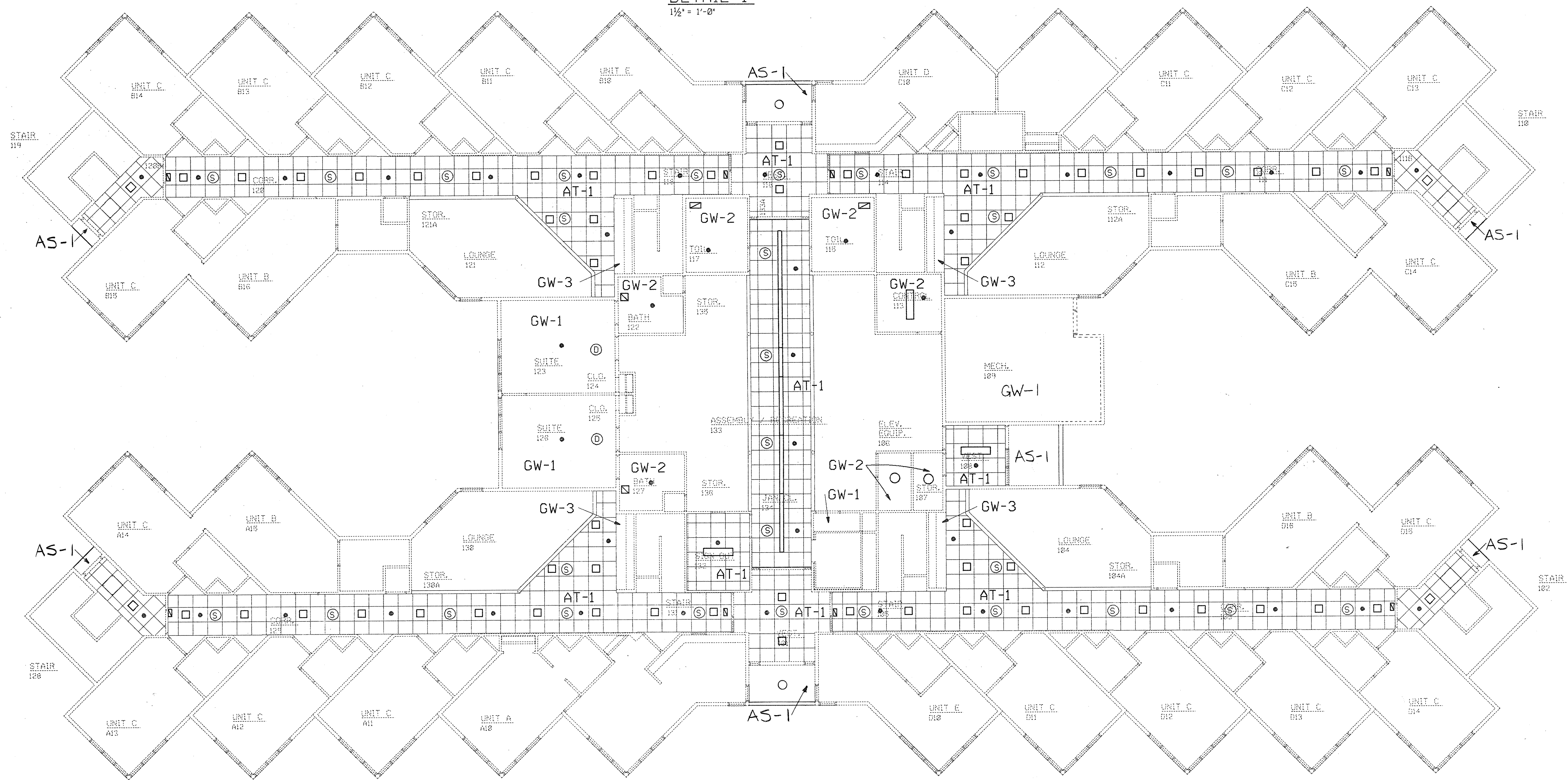
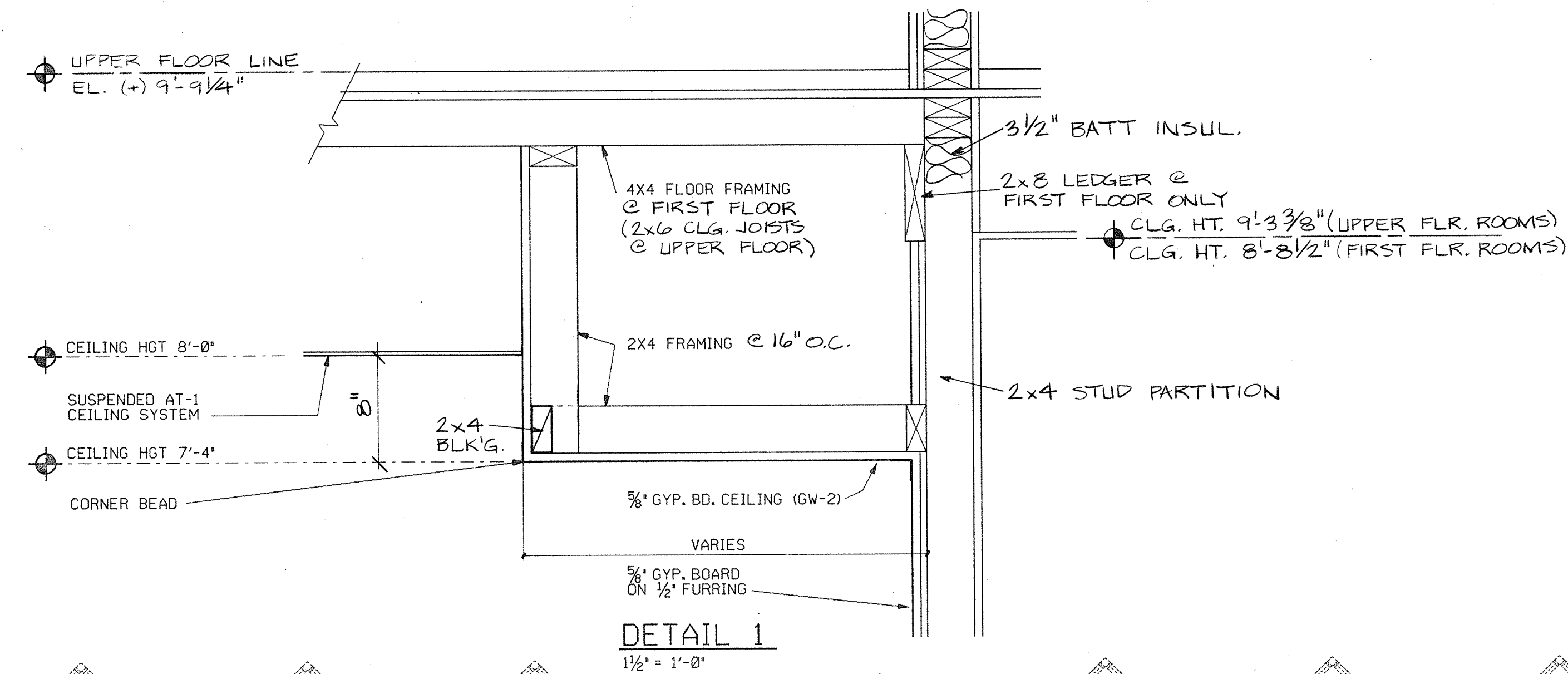
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C.D.B. PROJECT NUMBER 759-050-001 PH8

WINDOW TYPES AND DETAILS
ILLINOIS MATHEMATICS AND SCIENCE ACADEMY
PHASE 8 - STUDENT HOUSING
RANDALL ROAD AND SULLIVAN ROAD
AURORA, ILLINOIS

PROJECT NUMBER 1735.26
DATE 3-30-89
SHEET NUMBER A 5.20
OF 15 SHEETS



MAIN FLOOR REFLECTED CEILING PLAN

1/8" = 1'-0"

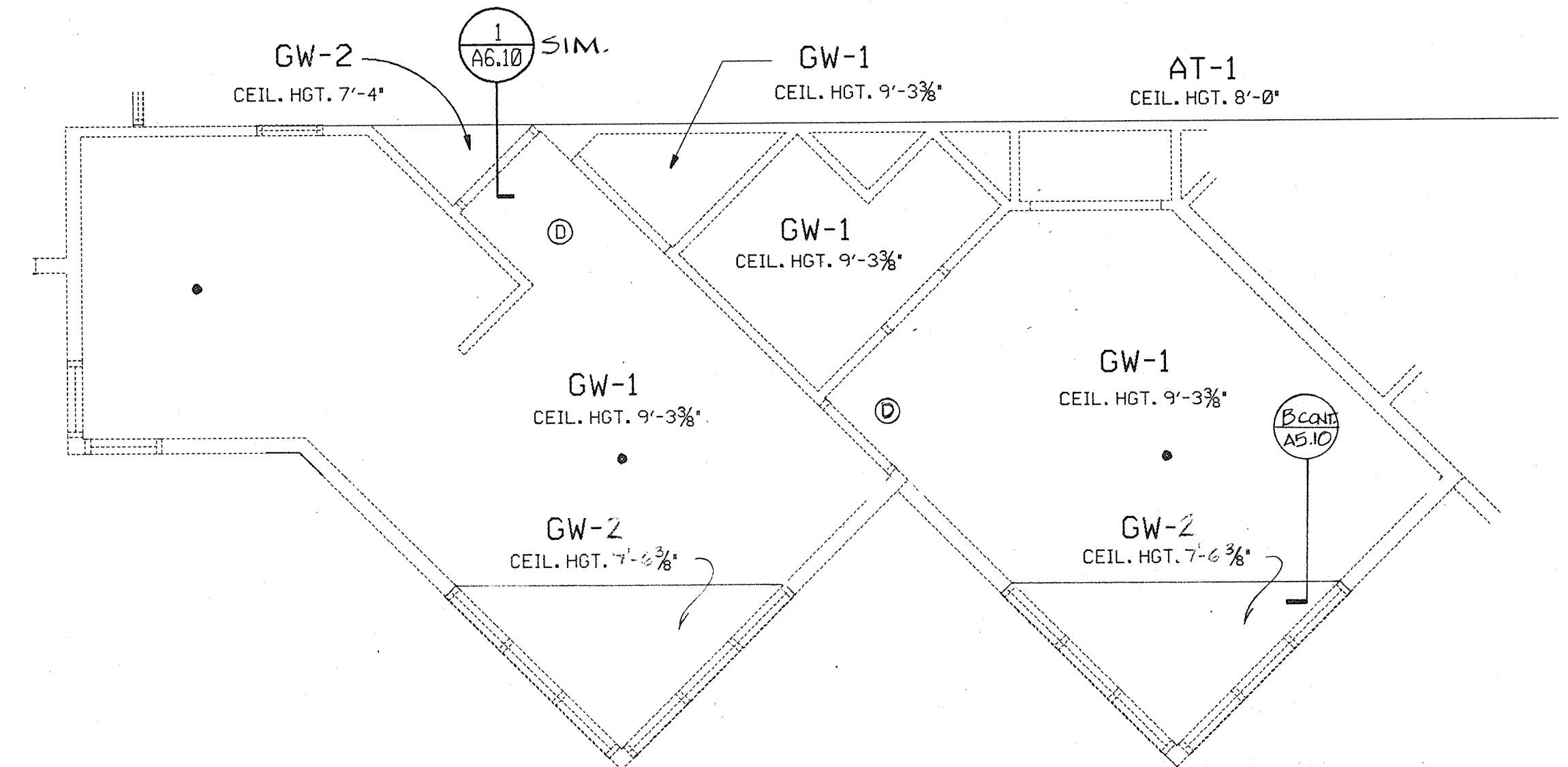
NOTE:
SEE ROOM FINISH SCHEDULE SHEET A2.10
FOR CEILING HEIGHTS AND FINISHES.

REFLECTED CEILING SYMBOL LEGEND

SYMBOL	DESCRIPTION
	FLUORESCENT LIGHT FIXTURES
	INCANDESCENT LIGHT FIXTURES
	MECHANICAL GRILLES AND DIFFUSERS
	SPRINKLERS
	SMOKE AND HEAT DETECTORS
	SPEAKER
AT-1	2X2 LAY-IN REGULAR ACUSTIC CEILING TILE (AT-1) WITH SUSPENSION SYSTEM
GW-1	5/8" GYPSUM WALLBOARD CEILING ON 2 X 4 CEILING JOISTS @ 16" CENTERS.
GW-2	5/8" GYPSUM WALLBOARD CEILING ON 2 X 4 CEILING JOISTS @ 16" CENTERS.
GW-3	5/8" GYPSUM WALLBOARD CEILING ON 2 X 2 WOOD FURRING @ 16" CENTERS.
AS-1	VENTED ALUMINUM SOFFIT ON 2X4 OR 2X6 JOISTS @ 16" CTS.

FOR ADDITIONAL MECH. & ELECT. EQUIP. LOCATIONS SEE H.V.P., F.P. & E. SHTS.

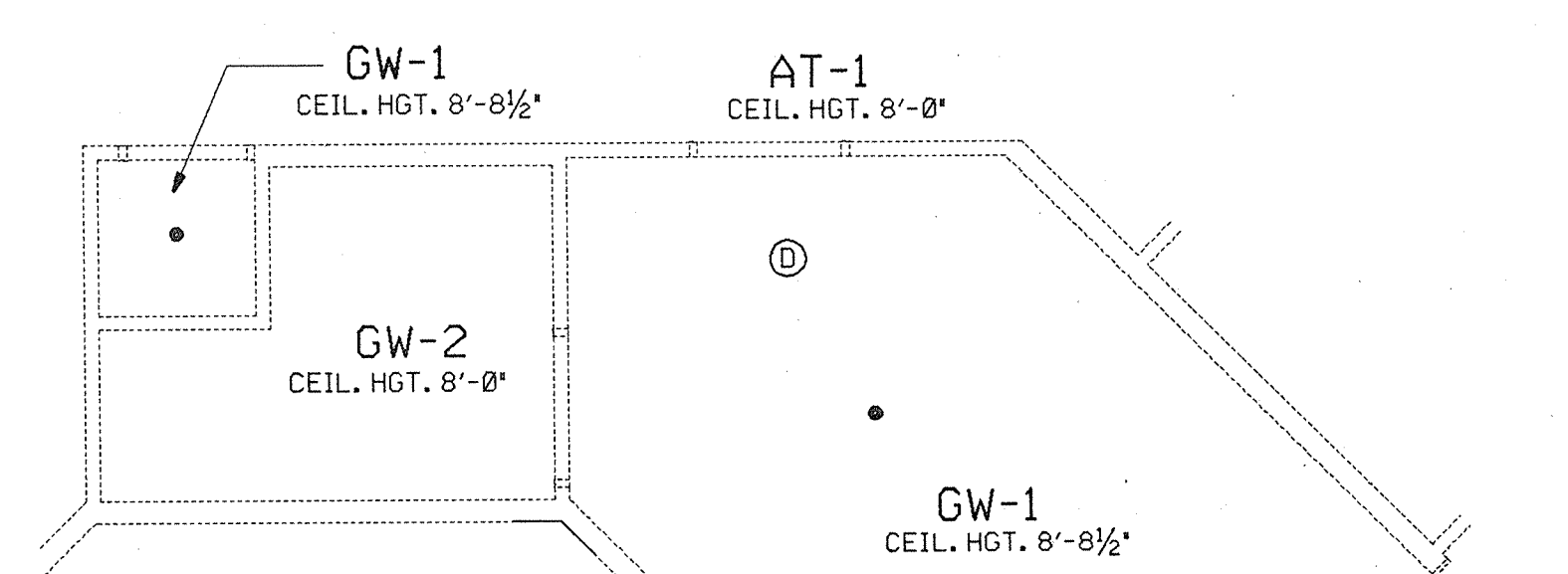
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UNIT A (AT UPPER FLOOR LEVEL)

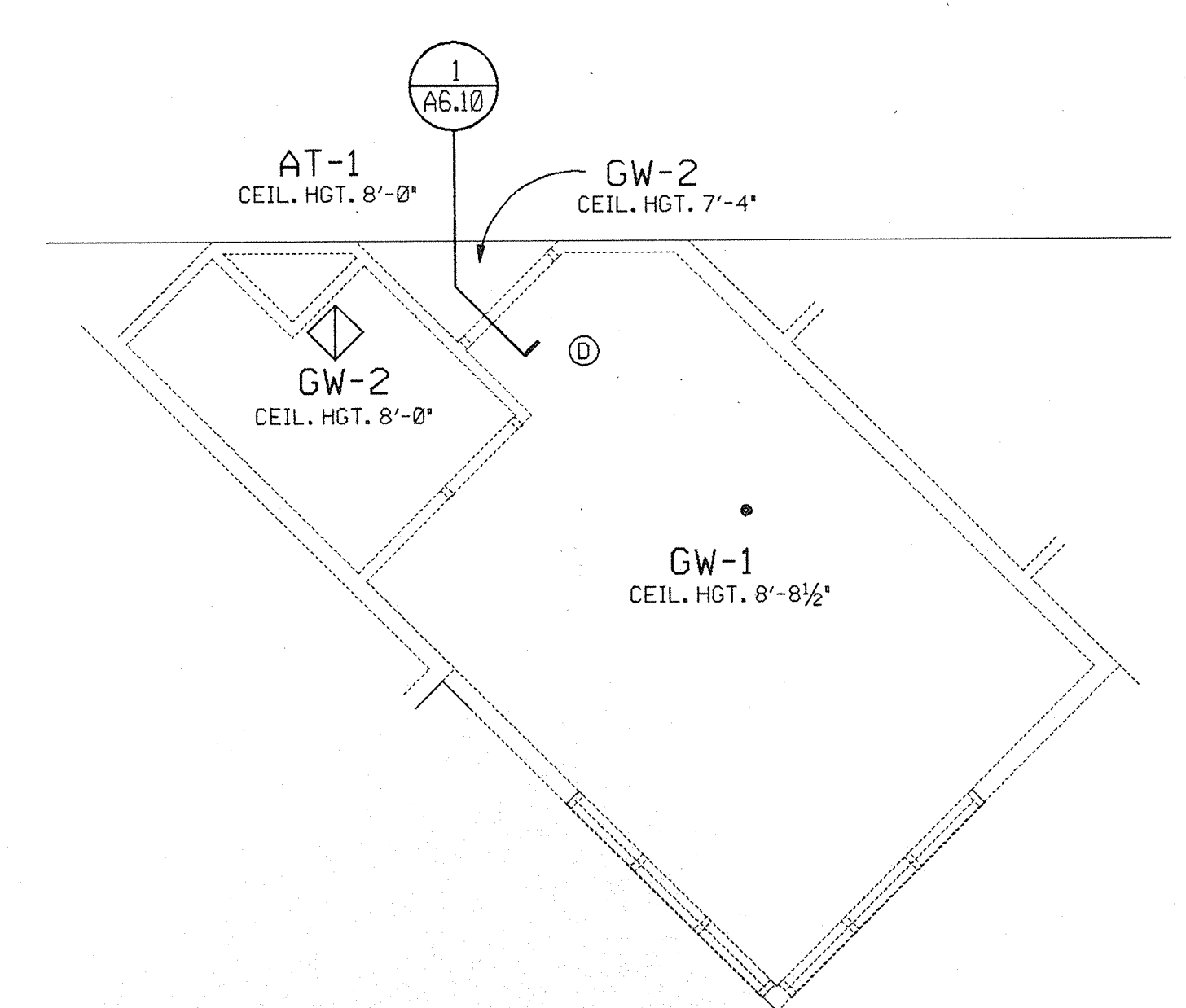
1/4" = 1'-0"

NOTE:
SEE UNIT SHEET A6.20 FOR UNIT A
SIMILAR CONDITION AT MAIN FLOOR LEVEL



UNIT B

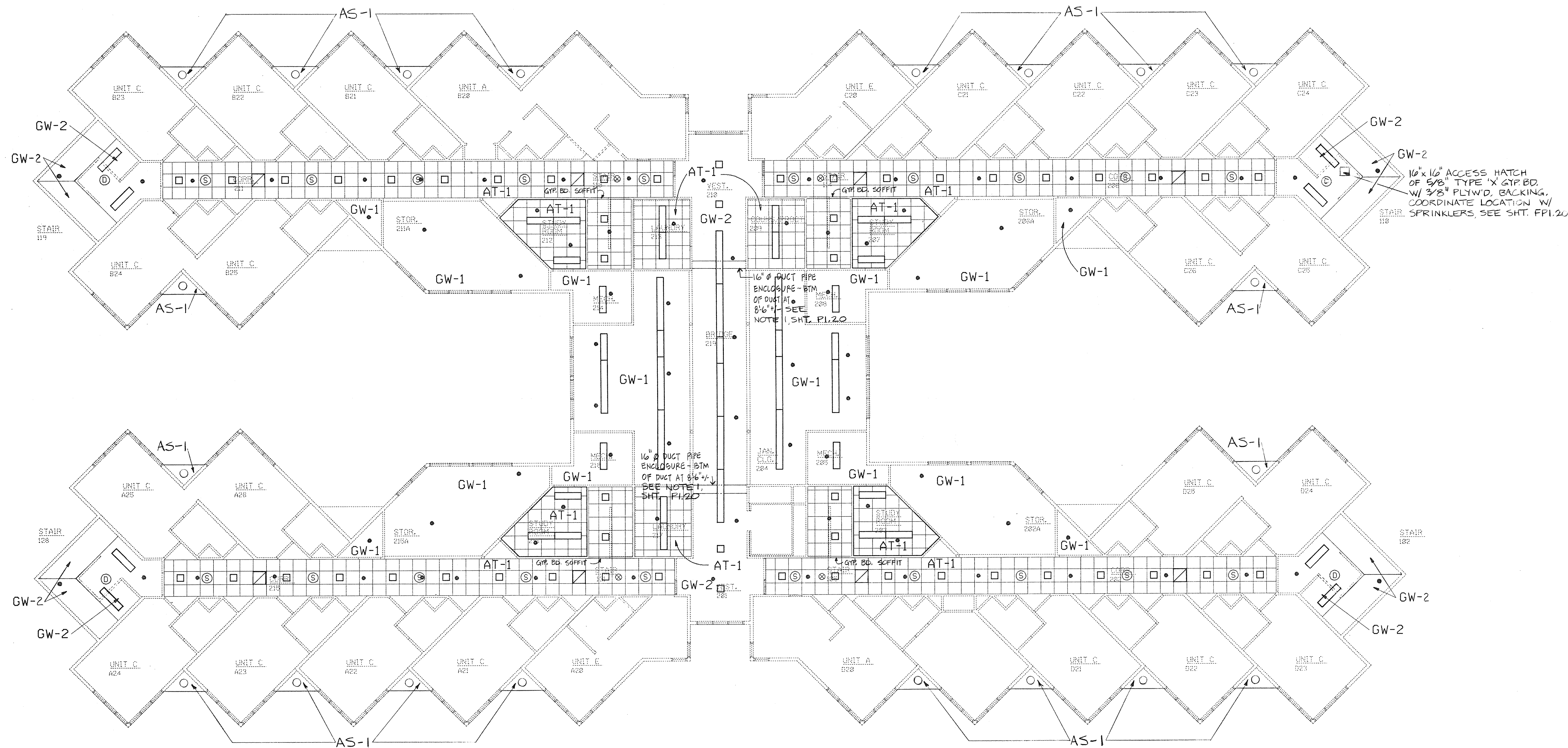
1/4" = 1'-0"



UNIT C (AT MAIN FLOOR LEVEL)

1/4" = 1'-0"

REVISIONS NO. DATE REMARKS 12/3/92 REVISED PER RECORD DRAWINGS		DRAWN DAC TRACED APPROV. APPROV. CHECKED BRH	PREP. APPROV. APPROV.			Architects Engineers Planners 1771 W. Diehl Road Naperville, Illinois 60540 (312) 985-5445		STATE OF ILLINOIS CAPITAL DEVELOPMENT BOARD C.D.B. PROJECT NUMBER 759-050-001 PH8	MAIN FLOOR REFLECTED CEILING PLAN ILLINOIS MATHEMATICAL AND SCIENCE ACADEMY PHASE 8 - STUDENT HOUSING RANDALL ROAD AND SULLIVAN ROAD AURORA, ILLINOIS	PROJECT NUMBER 1735.26 DATE 8-30-89 SHEET NUMBER A6.10 OF 15 SHEETS
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UPPER FLOOR REFLECTED CEILING PLAN

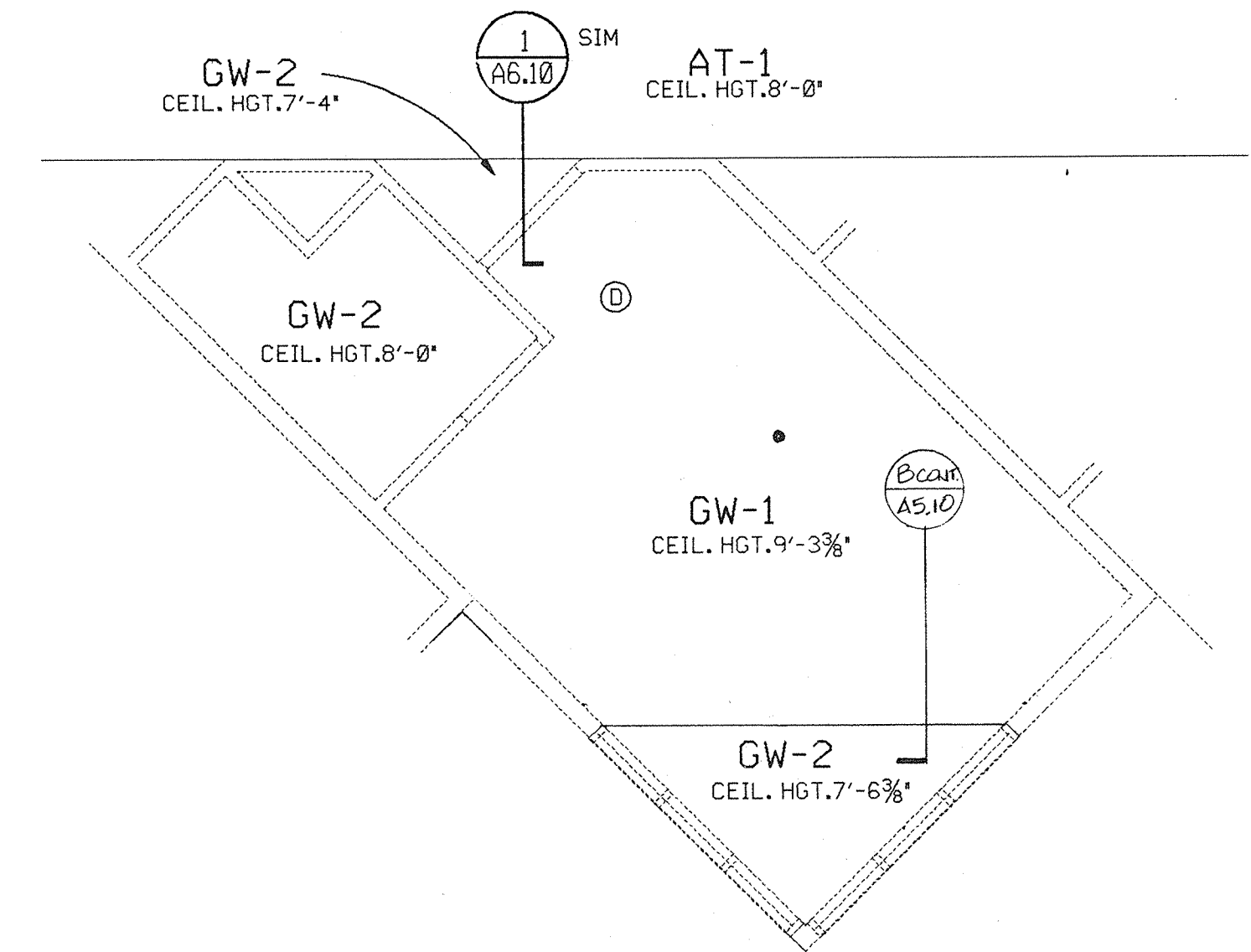
1/8" = 1'-0"

NOTE:
SEE ROOM FINISH SCHEDULE SHEET A2.10
FOR CEILING HEIGHTS AND FINISHES

REFLECTED CEILING SYMBOL LEGEND

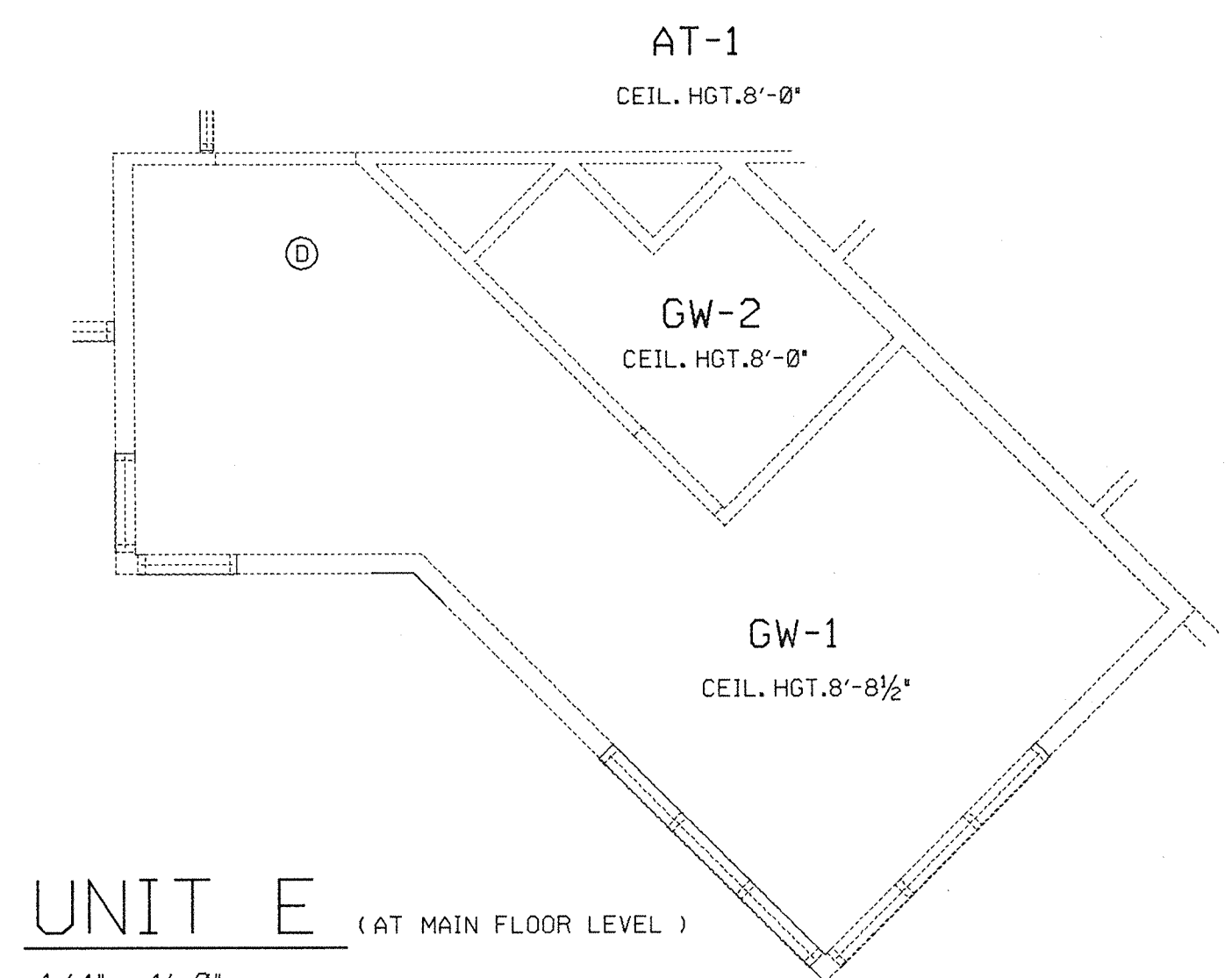
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	INCANDESCENT LIGHT FIXTURES
	MECHANICAL GRILLES AND DIFFUSERS
	SPRINKLERS
	SMOKE AND HEAT DETECTORS
	SPEAKER
AT-1	2X2 LAY-IN TEGULAR ACUSTIC CEILING TILE (AT-1) WITH SUSPENSION SYSTEM
GW-1	5/8\" GYPSUM WALLBOARD CEILING ON BOTTOM CORD OF EITHER A FLOOR OR ROOF JOIST
GW-2	5/8\" GYPSUM WALLBOARD CEILING ON 2 X 4 OR 2 X 6 CEILING JOISTS @ 16\" CENTERS
⊙	CEILING MOUNTED EXIT LIGHT
AS-1	VENTED ALUMINUM SOFFIT ON 2X4 OR 2X6 JOISTS @ 16\" CTS.

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UNIT C (AT UPPER FLOOR LEVEL)

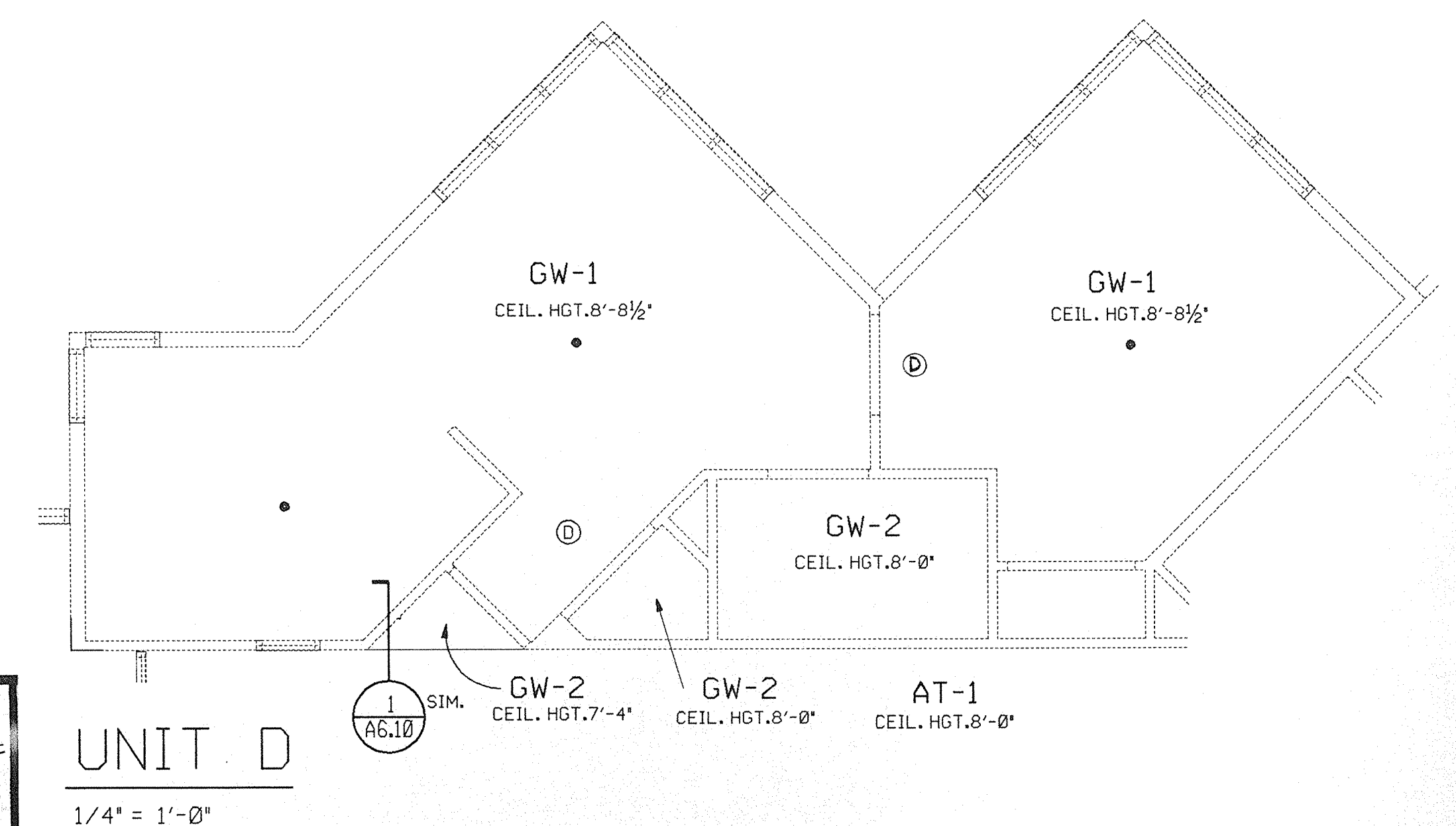
1/4" = 1'-0"



UNIT E (AT MAIN FLOOR LEVEL)

1/4" = 1'-0"

NOTE:
SEE UNIT C SHEET A6.10 FOR SIMILAR
CONDITION TO UNIT E UPPER FLOOR LEVEL



UNIT D

1/4" = 1'-0"

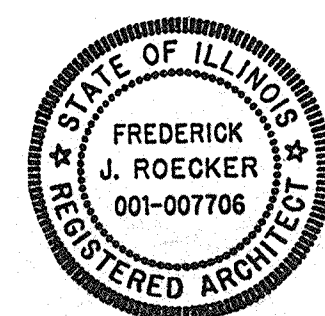
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3		

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TRACED	DAC
CHECKED	
BRH	

PREP.

APROV.

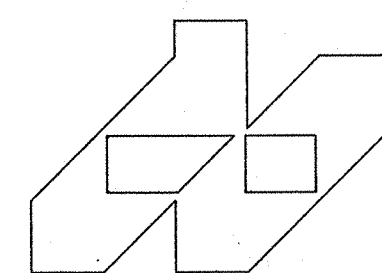
APROV.



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1771 W. Dahl Road
Naperville, Illinois 60540
(312) 985-5445



STATE OF ILLINOIS
CAPITAL DEVELOPMENT BOARD
C.D.B. PROJECT NUMBER 759-050-001 PH8

UPPER FLOOR REFLECTED CEILING PLAN

ILLINOIS MATHEMATICAL AND SCIENCE ACADEMY
PHASE 8 - STUDENT HOUSING
RANDALL ROAD AND SULLIVAN ROAD
AURORA, ILLINOIS

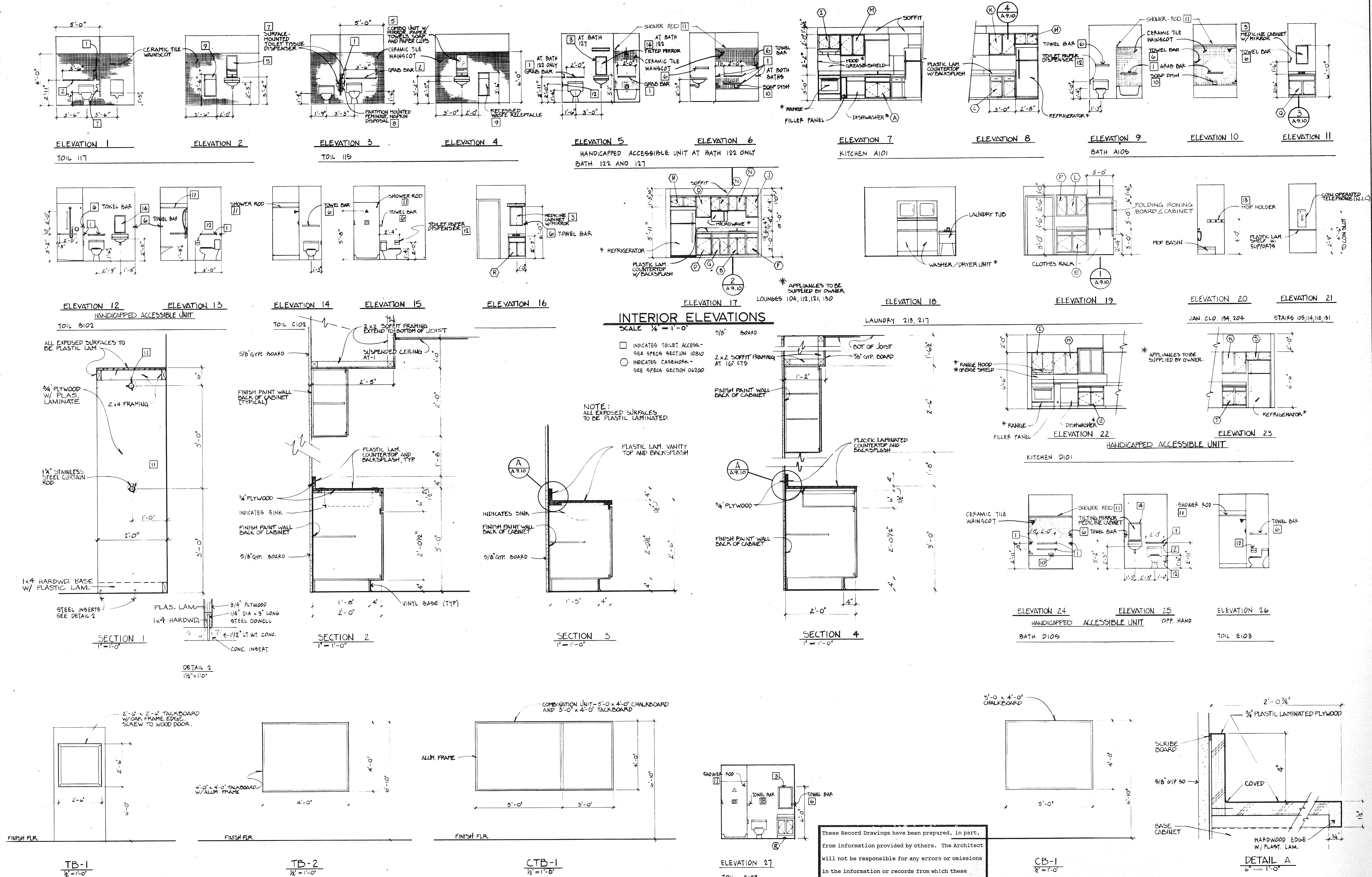
PROJECT NUMBER
1735.26
DATE
3-20-89
SHEET NUMBER
A6.20
OF 15 SHEETS

PROJECT NUMBER
1735.26

DATE
3-30-89

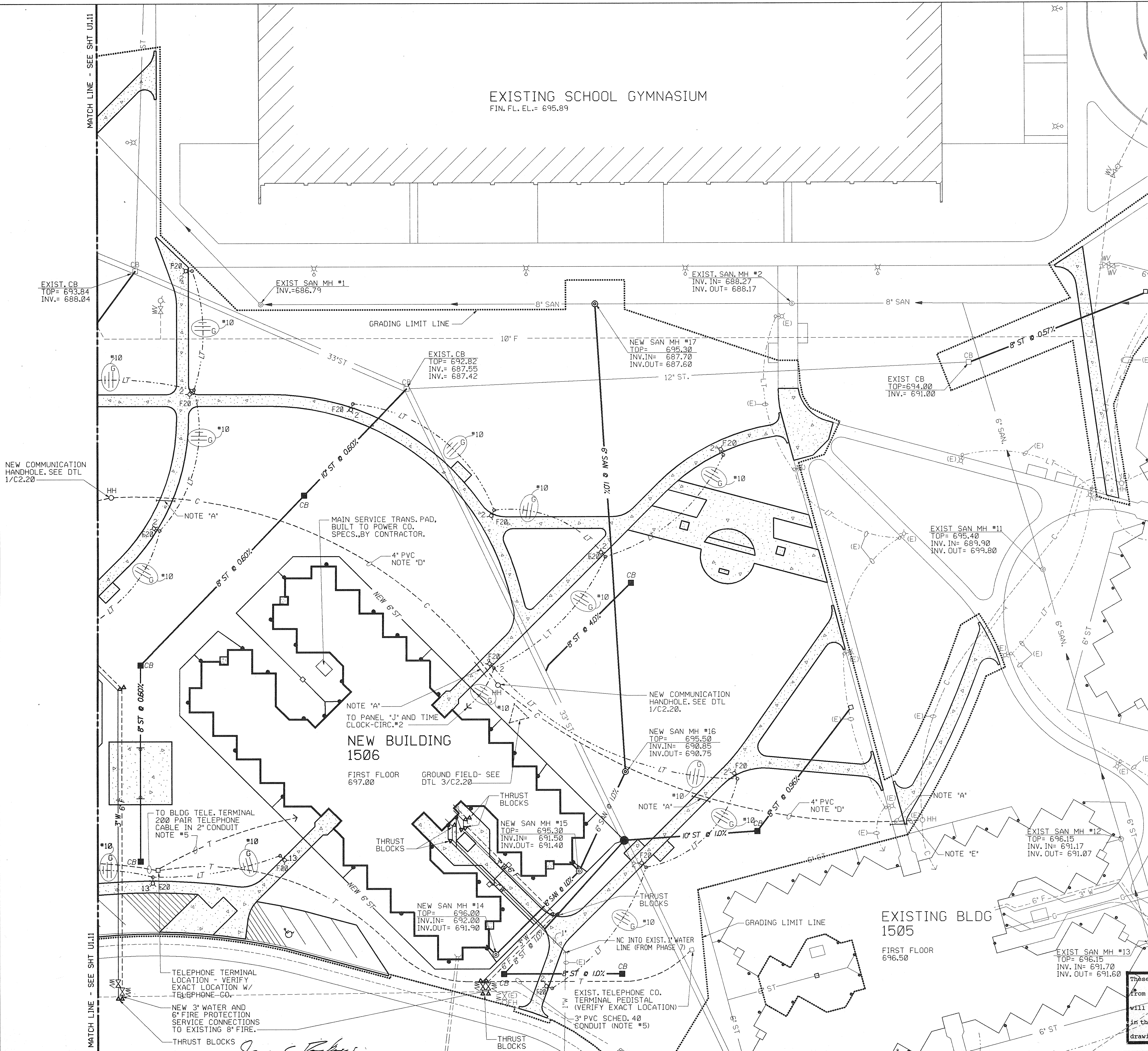
SHEET NUMBER
A7. 10

OF 15 SHEETS



REVISIONS				DRAWN		PREP.		PROJECT NUMBER			
NO.	DATE	REMARKS		DTP		APROV.		1735.26			
12/3/92		REVISED PER RECORD DRAWINGS		TRACED		APROV.		DATE			
				DTP				9-30-89			
				CHECKED		APROV.		SHEET NUMBER			
				BRH				A 9.10			
								OF 15 SHEETS			

STATE OF ILLINOIS		REGISTERED ARCHITECT		PSA		Phillips Swager Associates		Architects		Engineers		Planners		1771 W. Diehl Road		Naperville, Illinois 60540		(312) 985-5445		ILLINOIS		CAPITAL DEVELOPMENT BOARD		C.D.B. PROJECT NUMBER 759-050-001 PH8		INTERIOR ELEVATIONS AND MISC. SECTIONS		ILLINOIS MATHEMATICS AND SCIENCE ACADEMY		PHASE 8 - STUDENT HOUSING		RANDALL ROAD AND SULLIVAN ROAD		AURORA, ILLINOIS	
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CIVIL LEGEND

- CENTER LINE
- GRADING & SEEDING LIMIT LINE
- MATCH LINE
- 8" SAN --- EXISTING SANITARY SEWER WITH SIZE
- 12" ST --- EXISTING STORM SEWER WITH SIZE
- 4" W --- EXISTING GAS MAIN WITH SIZE
- 6" W --- EXISTING WATER MAIN WITH SIZE
- F --- EXISTING FIRE LINE
- C --- EXISTING UNDERGROUND COMMUNICATIONS
- LT --- EXISTING SITE LIGHTING ELECTRIC
- 8" SAN --- NEW SANITARY SEWER WITH SIZE
- 8" ST --- NEW STORM SEWER WITH SIZE
- 3" W --- NEW STORM SEWER WITH SIZE
- 6" F --- NEW STORM SEWER WITH SIZE
- C --- NEW UNDERGROUND COMMUNICATIONS
- T --- NEW UNDERGROUND TELEPHONE
- LT --- NEW UNDERGROUND ELECTRIC (SITE LIGHT'G)
- CONCRETE
- BITUMINOUS SURFACE
- EXISTING SIDEWALKS & ROADS
- NEW SIDEWALKS & ROADS

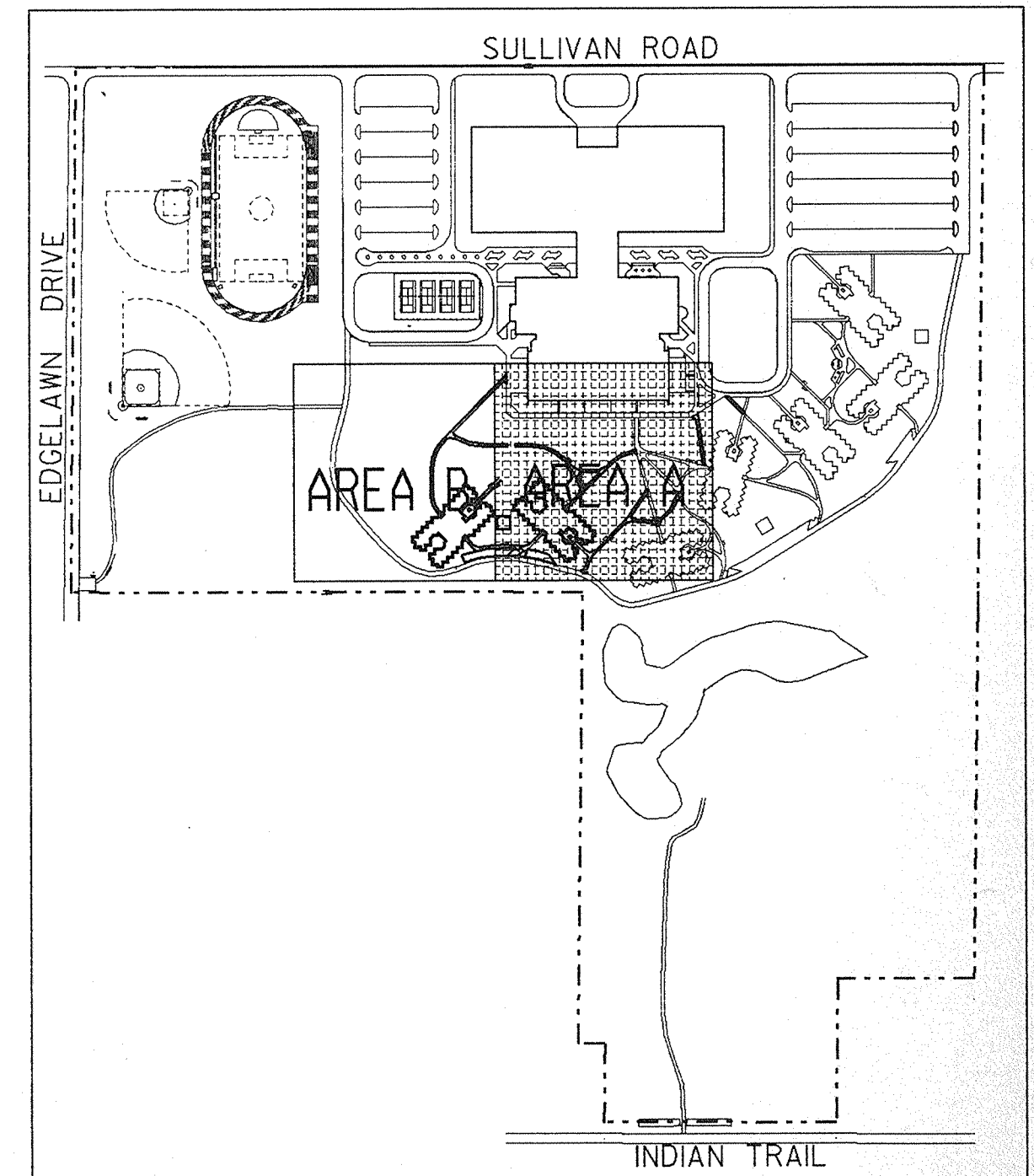
- (E) EXISTING LIGHT POLE
- F20 NEW LIGHT POLE (W/ CIRCUIT & FIXT. NO)
- FH EXISTING FIRE HYDRANT
- WV WATER VALVE
- CB EXISTING CATCH BASIN
- CB NEW CATCH BASIN
- (E) HH EXISTING COMMUNICATIONS HANDHOLE
- HH NEW COMMUNICATIONS HANDHOLE
- EXISTING STORM MANHOLE
- NEW STORM MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- NEW SANITARY SEWER MANHOLE
- DOWNSPOUTS
- INV INVERT ELEVATION
- EXISTING DORMATORY
- PROPOSED DORMATORY
- EXISTING SCHOOL BUILDING

ELECTRICAL NOTES:

- NOTE A. UNDER EXISTING WALKS PUSH A SECTION OF 4" I.C.M. FOR COMMUNICATION SYSTEM. 3 FEET TO SIDE OF 4" CONDUIT. PUSH A LENGTH OF 2' I.C.M. CAPPED FOR FUTURE SOUND SYSTEM USE. CONDUITS TO EXTEND 1 FOOT PAST EDGE OF WALKS.
- NOTE B. ALL UNDERGROUND PVC CONDUITS SHALL BE WATERTIGHT AND CONTAIN A #12 STEEL PULL WIRE ON COMPLETION OF WIRING INSTALLATION.
- NOTE C. PROVIDE A NEW OPENING IN EXISTING COMMUNICATION HAND HOLE FOR CONDUIT EXTENSION AS SHOWN.
- NOTE D. 6-16 FOR LOOPED FIRE ALARM SITE AND PER BUILDING ANNUNCIATION.
- NOTE E. 4-16 FOR LOOPED FIRE ALARM SITE AND PER BUILDING ANNUNCIATION.

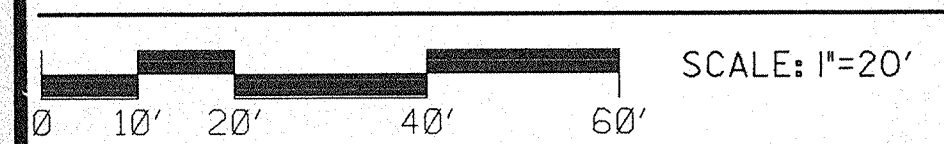
GENERAL NOTES:

- SEE DETAIL 2/C2.20 FOR LIGHT POLE BASE.
- SEE DETAIL SHEET 7.8/C2.20 FOR UTILITY PIPE TRENCH DETAIL.
- SEE DETAIL SHEET 4/C2.20 FOR SANITARY SEWER MANHOLE DETAIL.
- BEFORE EXCAVATING CONTACT J.U.L.I.E. 1(800)892-0123.
- THE TELEPHONE COMPANY (BT) WILL INSTALL ALL CABLING FROM EXISTING TELEPHONE PEDISTAL TO EACH BUILDING AS SHOWN. THE ELECTRICAL CONTRACTOR SHALL INSTALL ALL CONDUIT. SEE SECTION 16740 OF THE SPEC'S.



KEY PLAN

SITE UTILITY PLAN (AREA A)



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REVISIONS				DRAWN	PREP.	APPROV.	DATE	REMARKS	PROJECT NUMBER	DATE	SHEET NUMBER	OF 2 SHEETS
NO.	DATE	REVISIONS	RECORD DRAWINGS									
1	12/3/92	REVISED PER RECORD DRAWINGS		MKH	MTD/MBN	APPROV.			1735.26	3/30/89	U1.10	
				TRACED	MTD/JCR	APPROV.						
				CHECKED								
				MTD								

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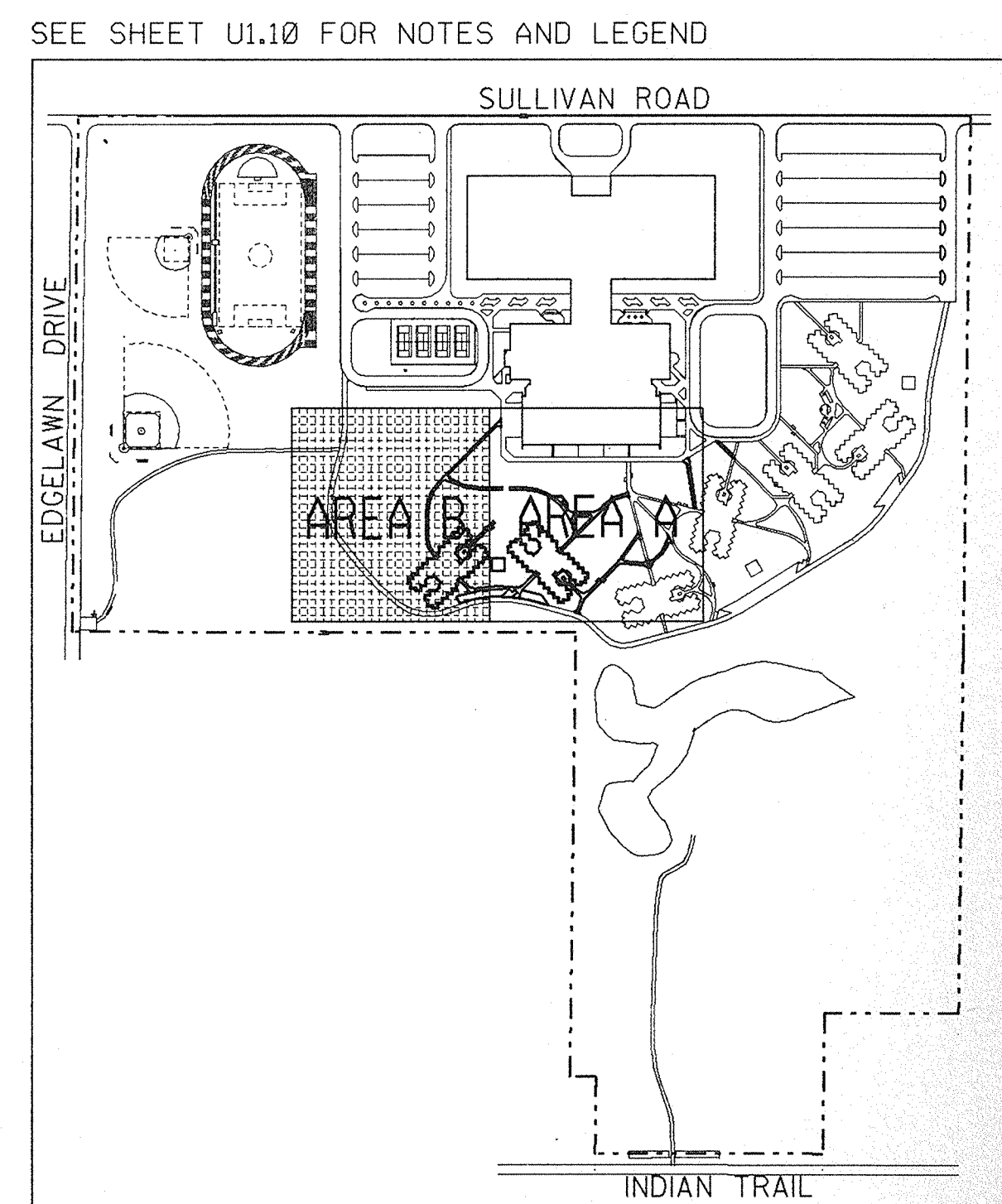
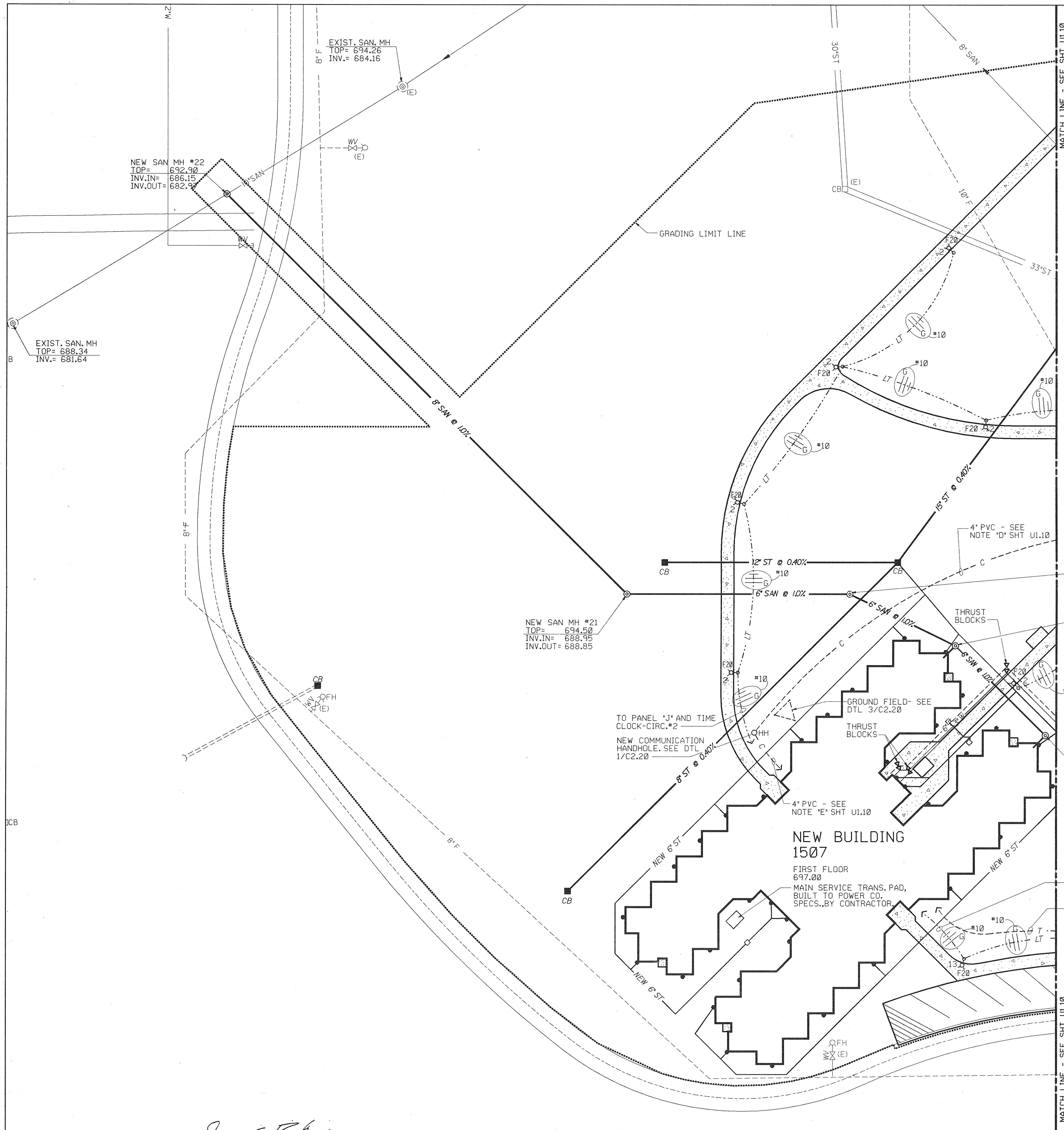
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CAPITAL DEVELOPMENT BOARD
C.D.B. PROJECT NUMBER 759-050-001 PH 8

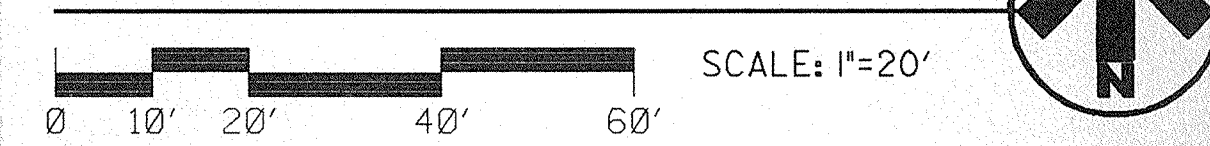
SITE UTILITY PLAN (AREA A)

ILLINOIS MATHEMATICAL AND SCIENCE ACADEMY
PHASE 8 - STUDENT HOUSING
RANDALL ROAD AND SULLIVAN ROAD
AURORA, ILLINOIS



KEY PLAN

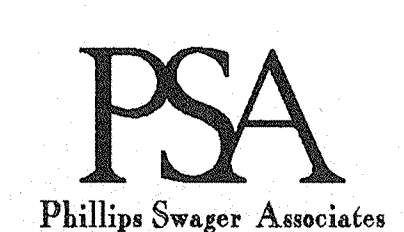
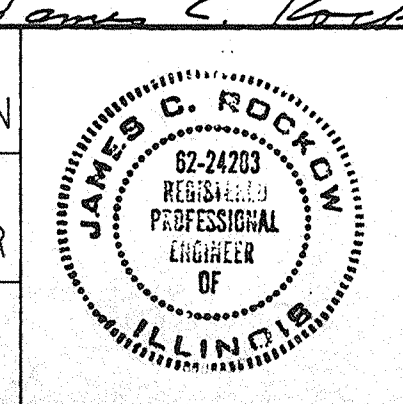
SITE UTILITY PLAN
(AREA B)



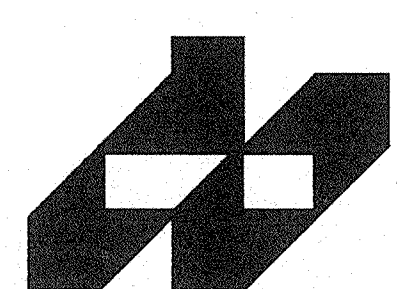
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NO.	DATE	REMARKS
12/3/92		REVISED PER RECORD DRAWINGS

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	MTD/JCR
CHECKED	APPROV.
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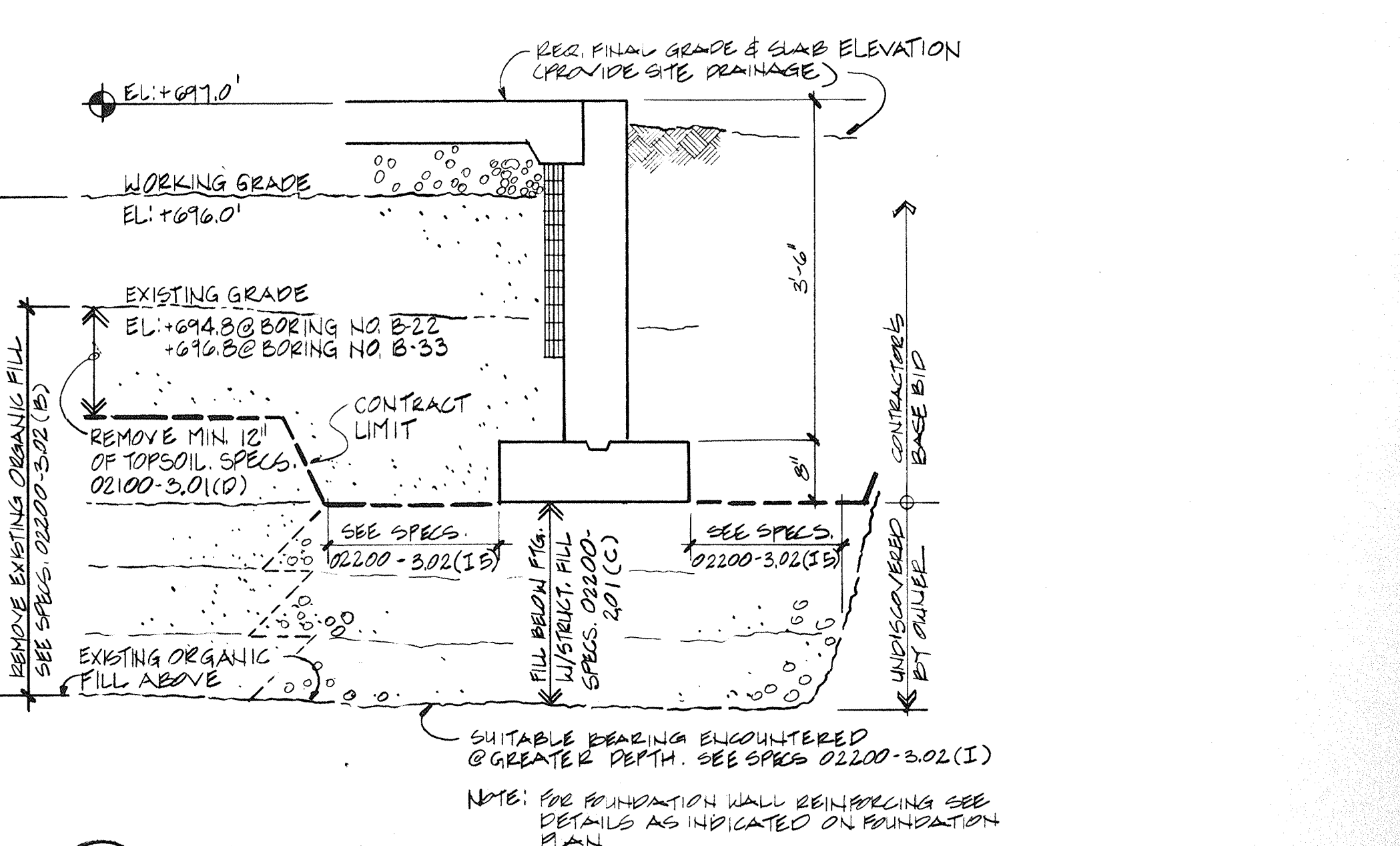
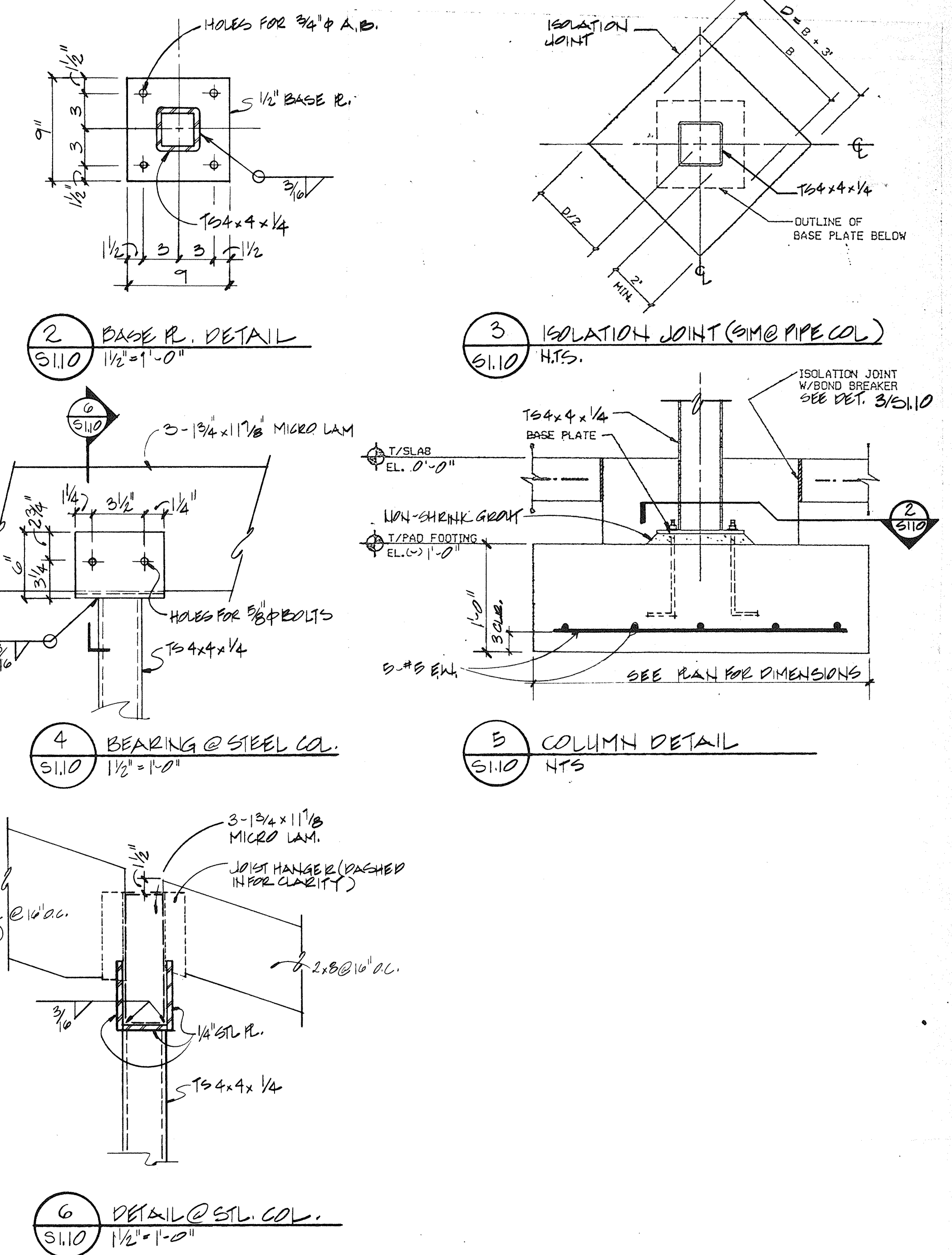
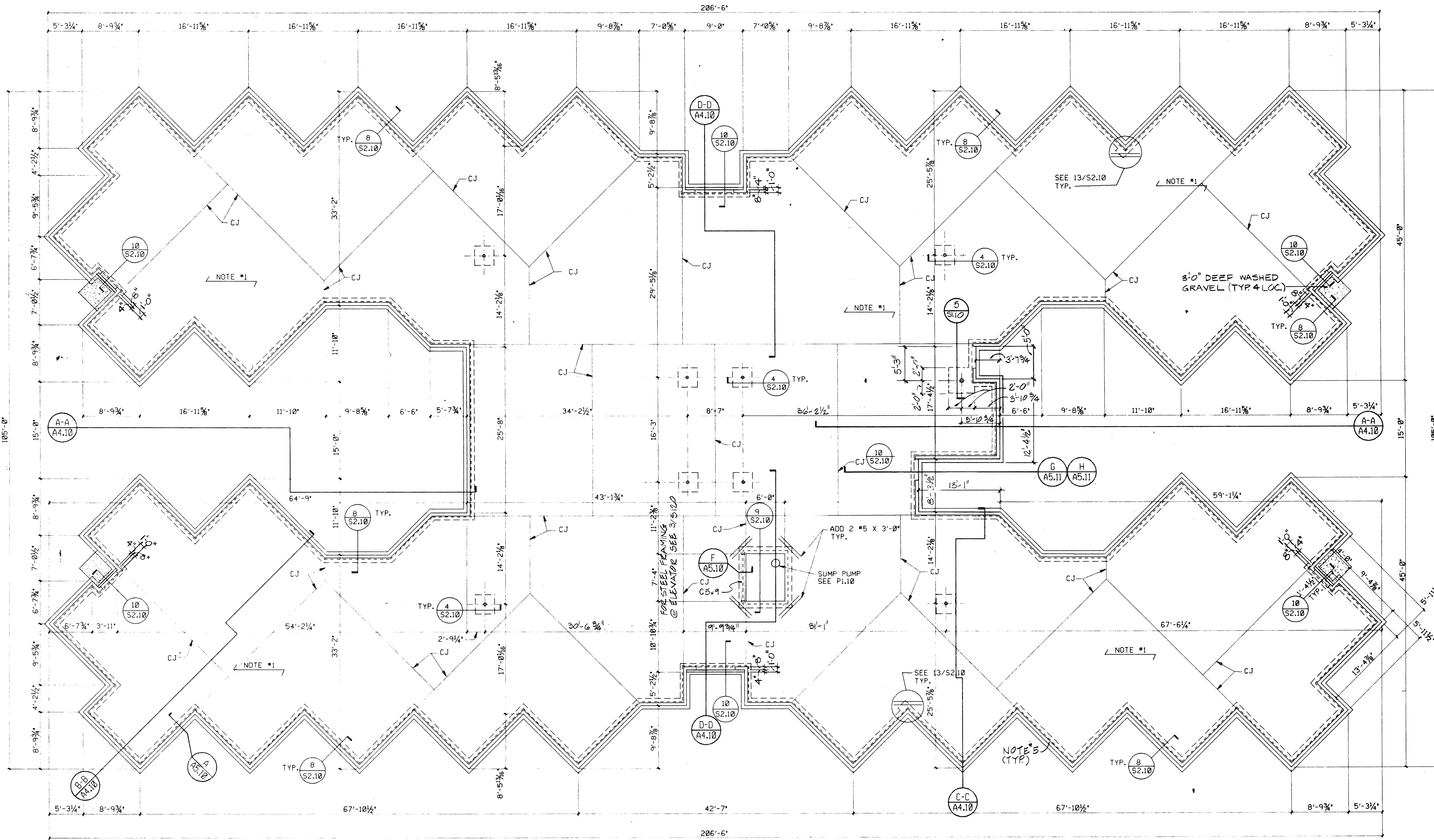
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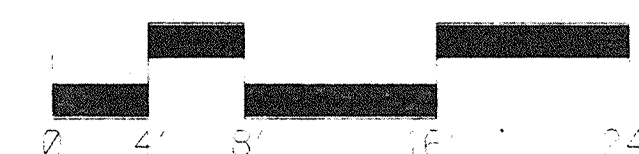
SITE UTILITY PLAN (AREA B)
ILLINOIS MATHEMATICAL AND SCIENCE ACADEMY
PHASE 8 - STUDENT HOUSING
RANDALL ROAD AND SULLIVAN ROAD
AURORA, ILLINOIS

PROJECT NUMBER	1735.26
DATE	3/ 30/ 89
SHEET NUMBER	U1.11
OF 2 SHEETS	



FOUNDATION PLAN

1/8" = 1'-0"



- PLAN NOTES:
- 6" CONC. SLAB ON GRADE W/WWF 6X6 W2.9 X W2.9 ON VAPOR BARRIER ON 5" COMPACTED GRANULAR FILL. T/SLAB EL. (-) 0'-0" UNLESS OTHERWISE NOTED (U.O.N.)
 - CJ DENOTES CONSTRUCTION OR CONTRACTION JOINT AT CONTRACTOR'S OPTION SEE DETAILS 2 & 3/S2.10
 - ALLOWABLE NET SOIL BEARING PRESSURE = 1800 PSF
 - EXCEPT AS NOTED ON PLANS, ALL FOUNDATION WALLS SHALL BE 8" REINFORCED CONCRETE.
 - PLATE 12 FOUNDATION ANCHORS 1/2" x 6" LG ANCHOR BOLTS OR 1/2" W/WRAP ANCHORS @ 4'-0" O.C. MAX. (SEE DET. 1/A5.11)
 - IF SUITABLE BEARING IS NOT ENCOUNTERED AT DEPTHS INDICATED ON DEGS. SEE SPECS. AND REF. DETAIL 8/S1.10


3 REFERENCE DETAIL

8/1.0 N.T.S.

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SHEET CROSS REFERENCES:
 * FOR GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS (T.D.), SEE SHEET S2.10
 * FOR DIMENSIONS NOT SHOWN SEE SHEET A1.1

REVISIONS		DRAWN	PREP.
NO.	DATE	REMARKS	
1	12/3/92	REVISED PER RECORD DRAWINGS	


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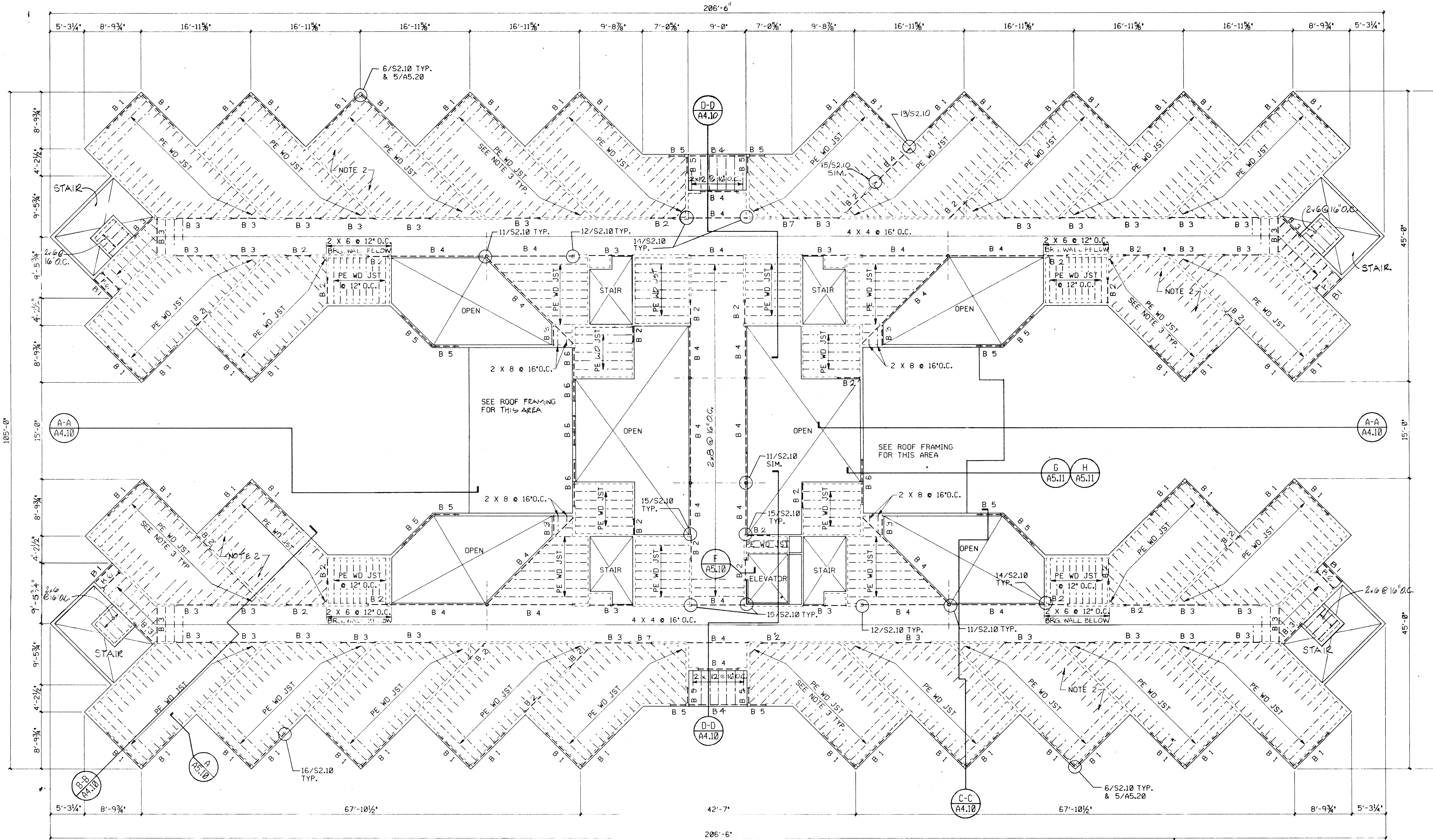
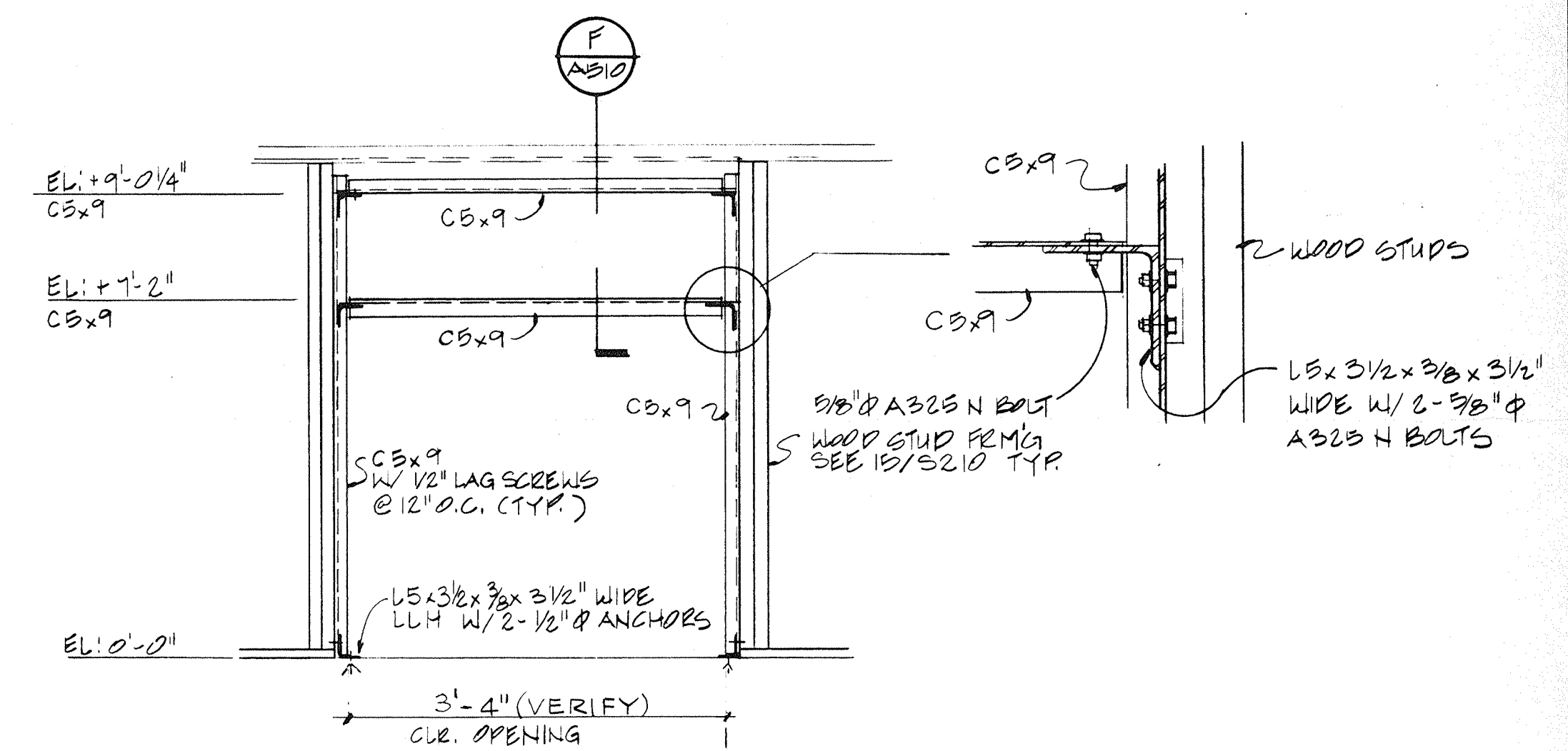
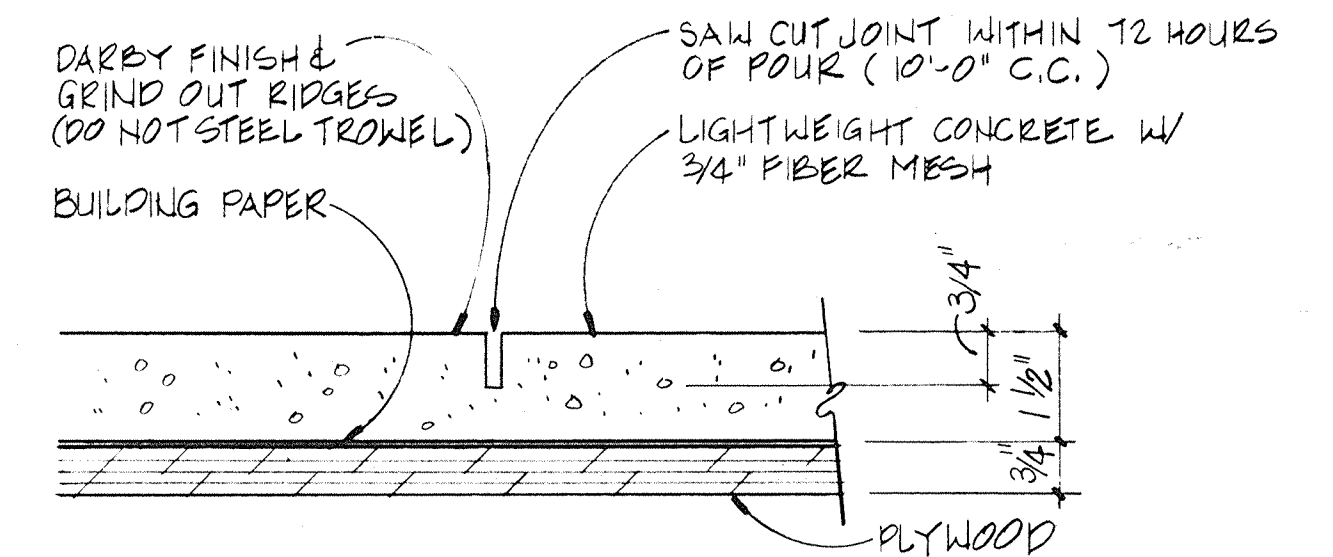
STATE OF ILLINOIS
 CAPITAL DEVELOPMENT BOARD
 C.D.B. PROJECT NUMBER 759-050-001 PH8

FOUNDATION PLAN
 ILLINOIS MATHEMATICS AND SCIENCE ACADEMY
 PHASE 8 - STUDENT HOUSING
 RANDALL ROAD AND SULLIVAN ROAD
 AURORA, ILLINOIS

PROJECT NUMBER 1735.26
 DATE 8-30-89
 SHEET NUMBER S1.10
 OF 1 SHEETS

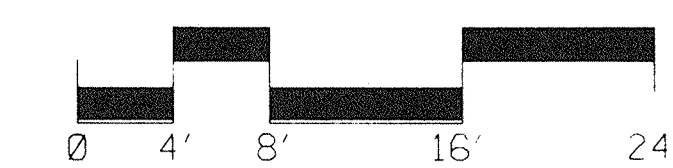
BEAM SCHEDULE

MARK	DESCRIPTION	REMARKS
B 1	(3) 2 X 8 + (2) 1/2" PLYWOOD SPACERS	
B 2	(2) 2 X 8 + 1/2" PLYWOOD SPACER	
B 3	(2) 2 X 12 + 1/2" PLYWOOD SPACER	
B 4	(3) 1 3/4" X 11 3/4" MICRO-LAM	
B 5	(3) 2 X 4 + (2) 1/2" PLYWOOD SPACERS	
B 6	(4) 2 X 6	(1) T. 7 & 11/A2.10
B 7	(2) 2 X 4 + 1/2" PLYWOOD SPACER	



UPPER FLOOR FRAMING PLAN

1/8" = 1'-0"



PLAN NOTES:

- TOP OF PLYWOOD SUBFLOOR ELEVATION 9'-7 1/2" (UNLESS OTHERWISE NOTED)
- 1 1/2" LT. WT. CONCRETE TOPPING SLAB REINFORCED W/ 3/4" ENGINEERED REINFORCING FIBERS. (SEE DETAIL S120) PROVIDE CONTRACTION JOINTS ALONG OVERLAP @ 10'-0" O.C.
- PE WD JST INDICATES 9/16" PRE-ENGINEERED WOOD JOIST. HOLES IN PE WD JST WEBS SHALL BE SHOP DRILLED AND REINFORCED WHEN NECESSARY. JST SPACING @ 16" O.C. (UNLESS OTHERWISE NOTED)
- PROVIDE DOUBLE 2 X 4 OR 2 X 6 COLUMNS FOR RESPECTIVE WALL THICKNESS AT BEAM SUPPORTS (U.O.N.)

DESIGN LOADS:

CORRIDOR-BALCONY-BRIDGE
SUPERIMPOSED DL.....30 PSF
LIVE LOAD.....80 PSF

DORMS
SUPERIMPOSED DL.....30 PSF
LIVE LOAD.....40 PSF

STAIRS
SUPERIMPOSED DL.....10 PSF
LIVE LOAD.....100 PSF

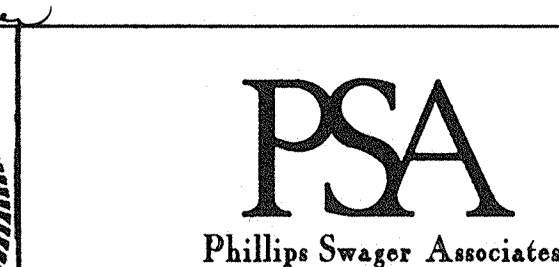
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SHEET CROSS REFERENCES:

- FOR GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS (TD), SEE SHEET S210
- FOR DIMENSIONS NOT SHOWN SEE SHEET S210

NO.	DATE	REMARKS
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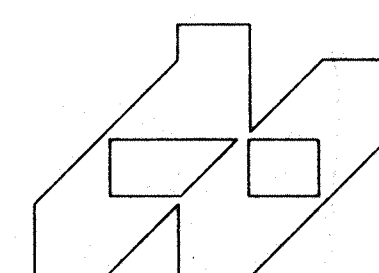
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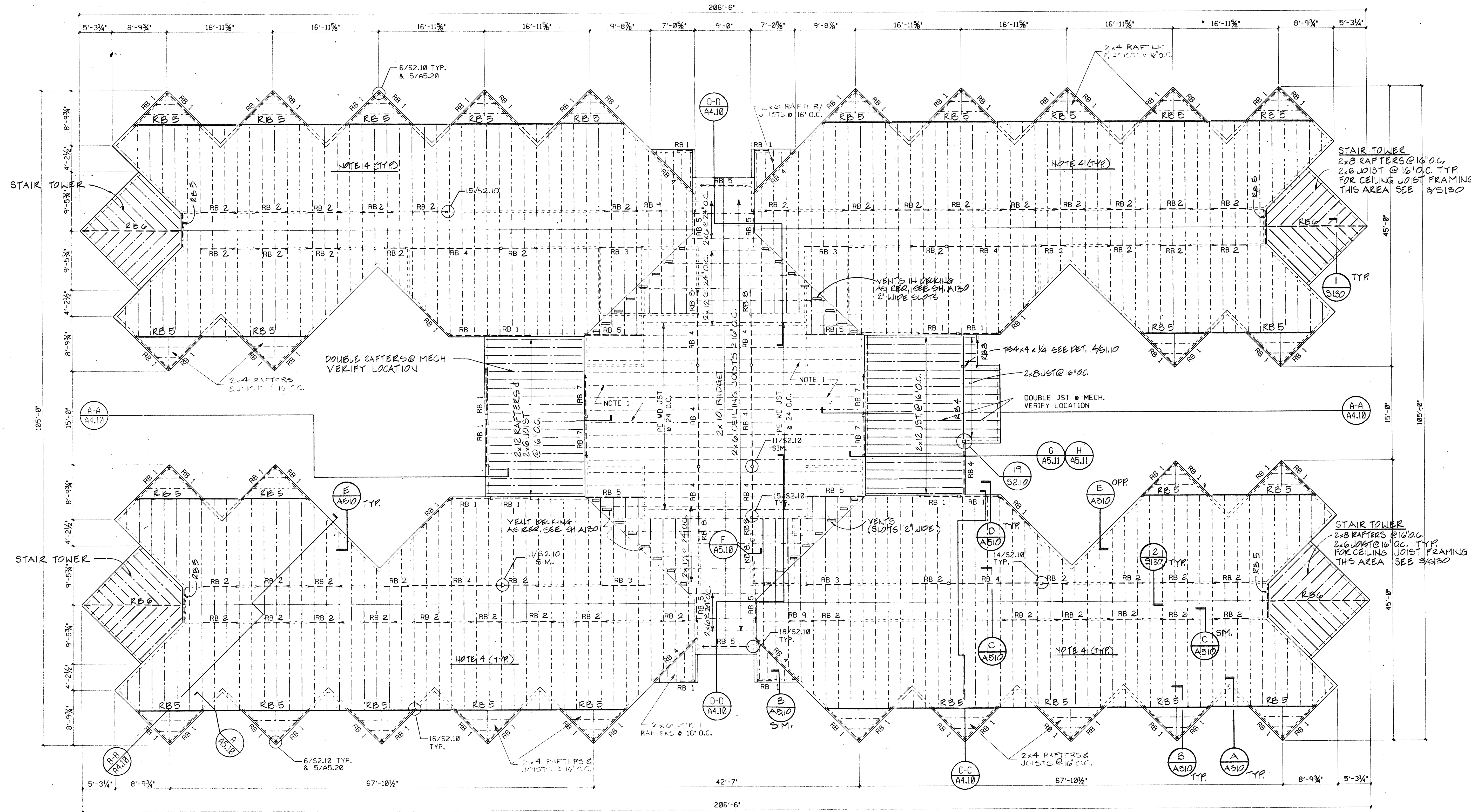
UPPER FLOOR FRAMING PLAN

ILLINOIS MATHEMATICS AND SCIENCE ACADEMY
PHASE 8 - STUDENT HOUSING
RANDALL ROAD AND SULLIVAN ROAD
AURORA, ILLINOIS

PROJECT NUMBER	1735.26
DATE	3-20-89
SHEET NUMBER	51.20
OF SHEETS	5

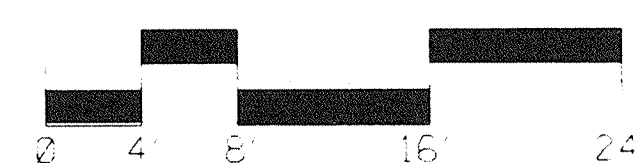
BEAM SCHEDULE

MARK	DESCRIPTION	REMARKS
RB 1	(3) 2 X 6 + (2) 1/2 PLYWOOD SPACERS	
RB 2	(2) 2 X 8 + 1/2 PLYWOOD SPACER	
RB 3	(2) 2 X 12 + 1/2 PLYWOOD SPACER	
RB 4	(3) 1 1/2 X 11 1/2 MICRO-LAM	
RB 5	(3) 2 X 12 + (2) 1/2 PLYWOOD SPACERS	
RB 6	(2) 1 1/2 X 11 1/2 MICRO-LAM	
RB 7	(3) 2 X 8 + (2) 1/2 PLYWOOD SPACER	
RB 8	(4) 2 X 6	DET. 1, 5 & 7/A2.10
RB 9	(2) 2 X 4 + 1/2 PLYWOOD SPACER	
RB 10	(2) 2 X 6	



ROOF FRAMING PLAN

1/8" = 1'-0"



PLAN NOTES:

1. PE WD JST INDICATES 1 1/2" PRE-ENGINEERED WOOD JOIST. HOLES IN PE WD JST WEBS SHALL BE SHOP DRILLED AND REINFORCED WHEN NECESSARY.
2. PROVIDE DOUBLE 2X4 OR 2X6 COLUMNS FOR RESPECTIVE WALL THICKNESS AT BEAM SUPPORTS (U.N.O.).
3. ALL PENETRATIONS THRU ROOF SHALL BE FRAMED W/ 2X12.
4. ROOF FRAMING (TYPICAL UND.)
2X12 RAFTERS @ 24" O.C.
2X6 CEILING JOIST @ 24" O.C.

DESIGN LOADS: ROOF - RAFTERS

LIVE LOAD 50 PSF
SUPERIMPOSED DL 12 PSF

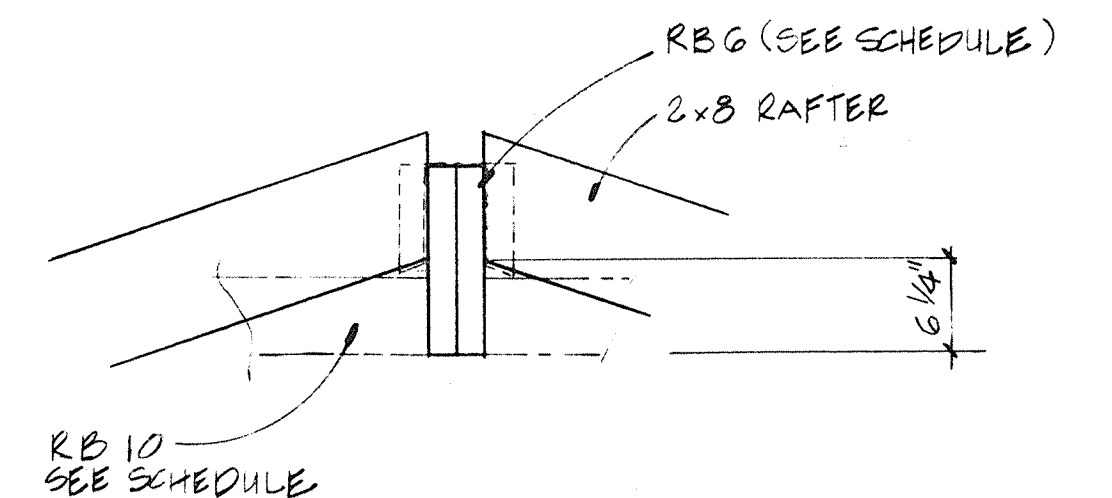
CEILING JOIST
SUPERIMPOSED DL 8 PSF

PE WOOD JOIST
LIVE LOAD 30 PSF
SUPERIMPOSED DL 20 PSF

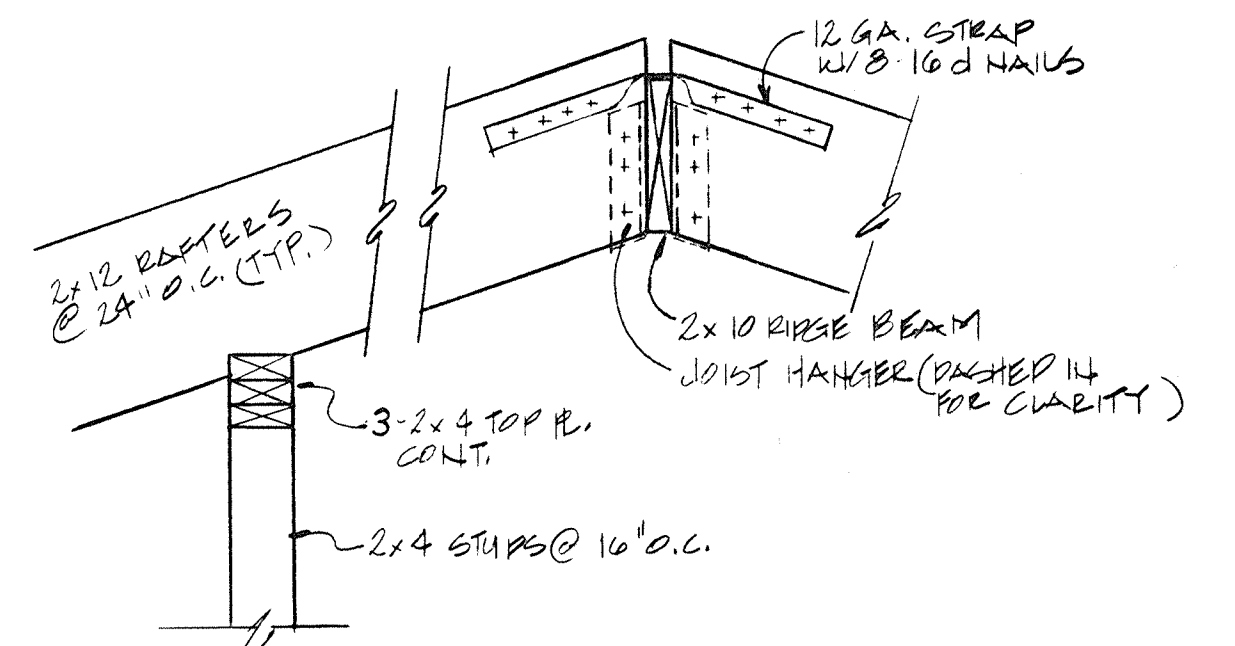
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SHEET CROSS REFERENCES:

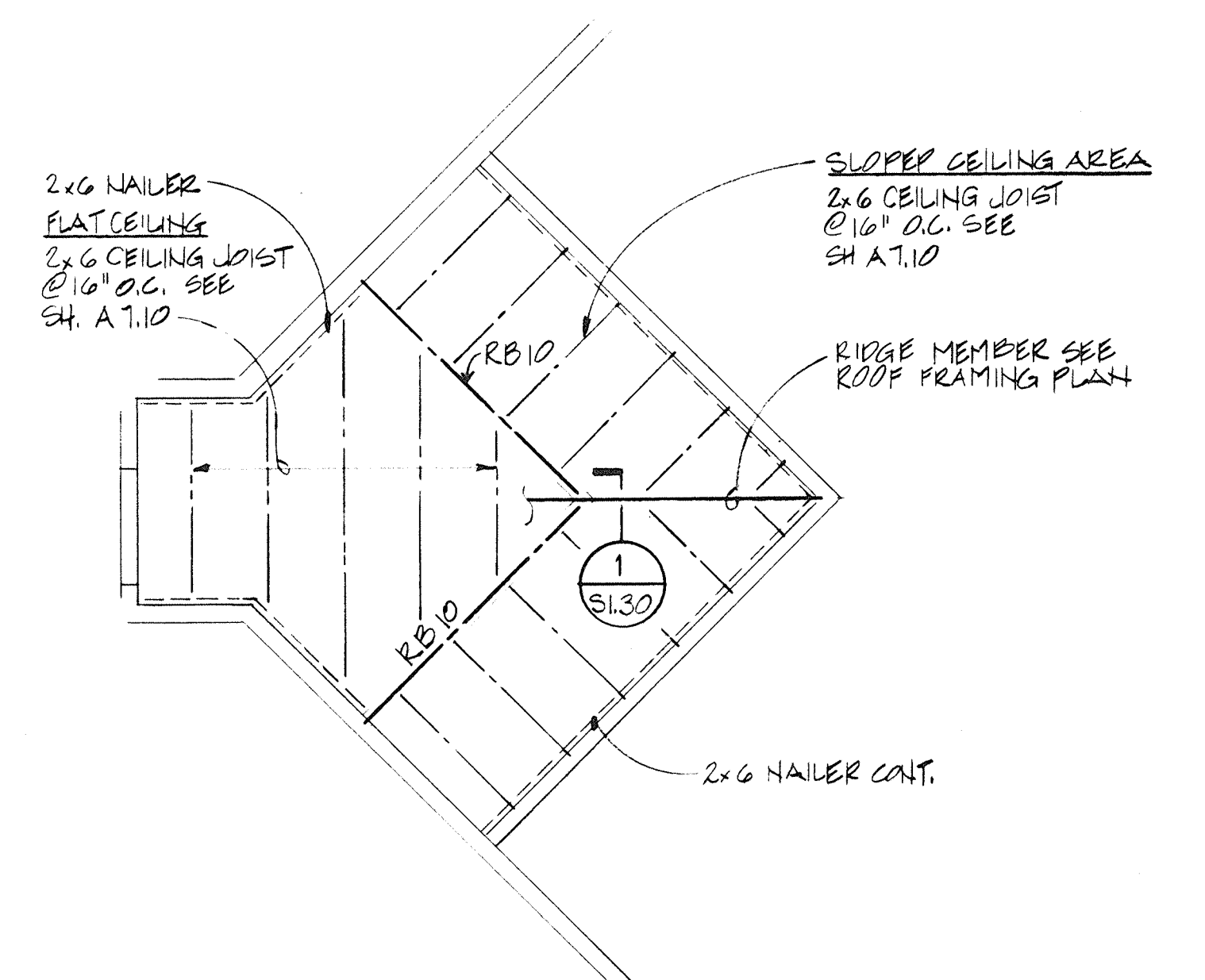
- FOR GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS (TD), SEE SHEET S2.10
- FOR DIMENSIONS NOT SHOWN SEE SHEETS A1.1, A1.2







1 DETAIL @ RIDGE
1'-1'-0"



2 DETAIL @ RIDGE
1'-1'-0"



3 CEILING FRAMING @ STAIR (TYPICAL)
1/4" = 1'-0"

REVISIONS			DRAWN	PREP.					Architects Engineers Planners	1771 W. Diehl Road Naperville, Illinois 60540 (312) 985-5445		STATE	OF	ILLINOIS	ROOF FRAMING PLAN			PROJECT NUMBER 1735.26
NO.	DATE	REMARKS	KMS	APROV.											DATE 3-30-89			
	12/3/92	REVISED PER RECORD DRAWINGS	TRACED	APROV.											SHEET NUMBER S1.30			
			CHECKED	APROV.											OF SHEETS			
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GENERAL STRUCTURAL NOTES:

CONCRETE:

1. REINFORCED CONCRETE DESIGNED IN ACCORDANCE WITH THE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318-83) BY THE AMERICAN CONCRETE INSTITUTE.
2. REINFORCING BAR DETAILING, FABRICATING, AND PLACING SHALL CONFORM TO THE "ACI STANDARD: DETAILS AND DETAILING OF CONCRETE REINFORCEMENT" (ACI 315-80) AND THE "MANUAL OF CONCRETE DESIGN AND PLACING" (DRAWINGS FOR REINFORCED CONCRETE STRUCTURES" (ACI 315R-80) BY THE AMERICAN CONCRETE INSTITUTE. THE MOST CURRENT EDITIONS OF CONCRETE REINFORCING STEEL INSTITUTES REINFORCING BAR DETAILING" AND "PLACING REINFORCING BARS" MAY ALSO BE USED.
3. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (F'C) OF 4000 P.S.I. IN 28 DAYS UNLESS OTHERWISE SPECIFIED.
4. CONCRETE REINFORCEMENT:
 - DEFORMED BARS - NEW BILLET STEEL CONPLYING WITH ASTM A615-81 INCLUDING SUPPLEMENT S1 AND HAVING A MINIMUM YIELD STRENGTH OF 60000 PSI.
 - WELDED WIRE FABRIC - SMOOTH WIRE FABRIC CONPLYING WITH ASTM A185-79.
 - CONCRETE ENGINEERED REINFORCING FIBERS SHALL BE USED AS SHOWN ON THE DRAWINGS AND IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
5. CONCRETE PROTECTION FOR REINFORCEMENT:
 - UNLESS OTHERWISE SHOWN THE CLEAR DISTANCE FROM THE FACE OF CONCRETE TO THE REINFORCING STEEL SHALL BE:

CONCRETE POURED AGAINST GROUND (NOTE A)	3"
CONCRETE POURED AGAINST FORMS (NOTES A AND B):	
#6 BARS OR LARGER	2"
SMALLER THAN #6 BARS	1 1/2"
SLABS POURED TO FORMS:	
FORMED SURFACE (NOTE B)	3/4"
TROWELED SURFACE (NOTE B)	1"
SLABS POURED ON GRADE:	
FROM BOTTOM SURFACE	2"
TROWELED SURFACE (NOTE B)	1 1/2"
 - (NOTE A) EXCLUDING SLABS POURED ON GRADE.
 - (NOTE B) INCREASE BY 1/2" IF SURFACE IS TO BE IN PERMANENT CONTACT WITH GROUND OR WATER.
6. UNLESS OTHERWISE SHOWN OR NOTED, SPLICING OF REINFORCING BARS SHALL CONFORM TO THE REQUIREMENTS OF ACI 318-83 BUILDING CODE. SECTIONS 12-15, 12-16, AND 12-17. EXCEPT THE LENGTH OF LAP FOR A SPLICE IS NOT SHOWN ON THE DRAWINGS, PROVIDE A CLASS "CC" SPLICE.
7. USE OF CONSTRUCTION JOINTS AT LOCATIONS OTHER THAN THOSE INDICATED ON THE DRAWINGS SHALL REQUIRE PRIOR APPROVAL OF THE ENGINEER.
8. ALL KEYS FOR CONSTRUCTION JOINTS SHALL BE 2" X 4" (NOMINAL) UNLESS OTHERWISE SHOWN OR NOTED ON THE DRAWINGS.

STEEL :

1. ALL DETAILS AND FABRICATION OF STRUCTURAL STEEL SHALL CONFORM TO AISC "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS," DATED NOV. 1, 1978.
2. STRUCTURAL STEEL FOR COLUMNS SHALL CONFORM TO ASTM A500, GRADE B. ALL OTHER STRUCTURAL STEEL SHALL CONFORM TO ASTM A36.
3. BEAM CONNECTIONS SHALL BE DESIGNED TO SUPPORT NOT LESS THAN ONE HALF THE TOTAL ALLOWABLE UNIFORM LOAD FOR THE SHAPE AND SPAN SHOWN.
4. ALL WELDED CONNECTIONS FOR STRUCTURAL STEEL SHALL CONFORM TO AWS "STRUCTURAL WELDING CODE," D11.1 - 83.
5. UNLESS OTHERWISE SHOWN OR NOTED ON THE DRAWINGS, ALL WELDED CONNECTIONS SHALL BE MADE WITH E70-XX LOW HYDROGEN ELECTRODES.
6. PROVIDE ALL BOLT HOLES, STUDS, ANCHORS, AND CLIP ANGLES REQUIRED TO ATTACH OTHER MATERIALS AS SHOWN ON THE DRAWINGS.
7. ANCHOR BOLTS SHALL CONFORM TO ASTM A307 AND SHALL BE PLACED WITHIN THE FOLLOWING TOLERANCES:
 TOP OF ANCHOR BOLT ELEVATION + (+) 1" TO (-) 3/8"
 POSITION OF ANCHOR (+) OR (-) 1/8"
 ELEVATION OF FINISHED CONCRETE SURFACE
 FOR BEARING (+) OR (-) 1/8"

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GENERAL CONSTRUCTION:

1. CONTRACTOR SHALL FIELD CHECK AND VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK; SEE SPECIFICATIONS.
2. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SCOPE OF THE WORK AND SOIL AND WATER CONDITIONS BEFORE PROCEEDING WITH THE WORK. ALL BORING LOCATIONS AND SOIL BORING LOGS ARE INCLUDED IN THE SPECIFICATIONS. SOIL INFORMATION RELEASED IN THE SPECIFICATIONS IS FOR GENERAL INFORMATION ONLY, THE ACTUAL CONDITIONS MAY VARY AT THE SITE.
3. ALL FOOTINGS SHALL REST ON UNDISTURBED SOIL OR COMPACTED FILL WHICH HAS A MINIMUM ALLOWABLE BEARING CAPACITY EQUAL TO OR GREATER THAN THAT SHOWN ON THE FOUNDATION PLAN.
4. BACKFILL SHALL BE PLACED AND COMPACTED UNIFORMLY ON EACH SIDE OF MASONRY FOUNDATION WALLS SUCH THAT NO UNBALANCED LATERAL LOADS ARE INDUCED TO THE WALL.
5. SUBGRADE STRUCTURAL ELEMENTS SUBJECTED TO DIFFERENTIAL LATERAL SOIL PRESSURE SHALL BE ADEQUATELY BRACED UNTIL THE STRUCTURAL SLABS WHICH PROVIDE LATERAL RESTRAINT HAVE BEEN PLACED AND ALLOWED TO CURE FOR A MINIMUM OF (7) DAYS.
6. VERIFY SIZE AND LOCATIONS OF HOLES AND SLEEVES THROUGH MASONRY WALLS AND CONCRETE SLABS WITH MECHANICAL AND PLUMBING CONTRACTORS.
7. GROUT BELOW BEAM BEARINGS AND COLUMN BASE PLATES SHALL BE IN PLACE AND PROPERLY CURED PRIOR TO ANY APPLICATION OF LOAD TO THE SUPPORTED MEMBER.
8. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES BETWEEN CONSTRUCTION DOCUMENTS AND ACTUAL FIELD CONDITIONS.
9. ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUED TO APPLY TO SIMILAR CONDITIONS ELSEWHERE.

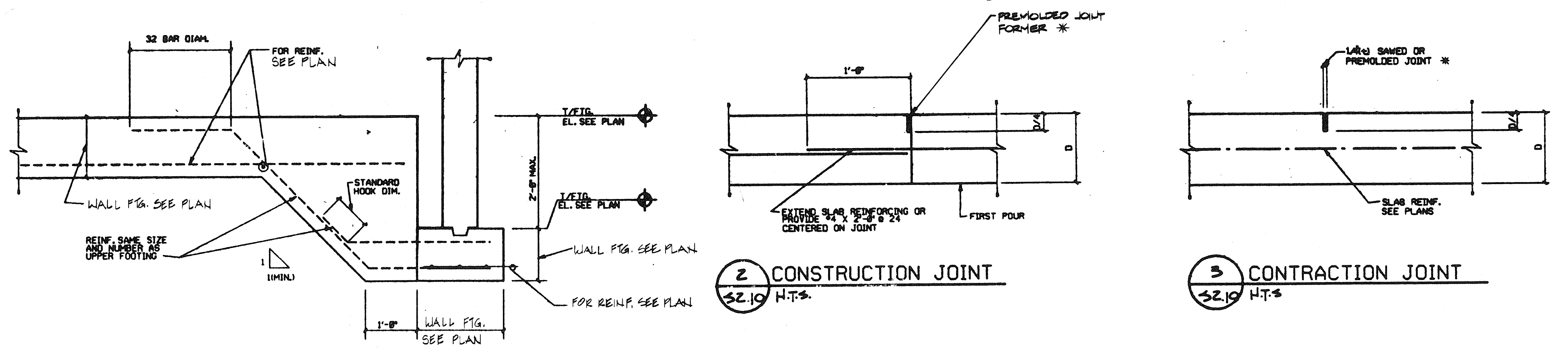
WOOD:

1. ENGINEERED TIMBER CONSTRUCTION DESIGNED IN ACCORDANCE WITH THE NATIONAL DESIGN SPECIFICATION FOR STRESS GRADE LUMBER AND ITS FASTENINGS BY THE NATIONAL FOREST PRODUCTS ASSOCIATION DATED NOVEMBER 1978.
2. STANDARD DRESSED WOOD STRUCTURAL MEMBERS WHICH ARE 2" TO 4" THICK AND WIDER THAN 5" SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:

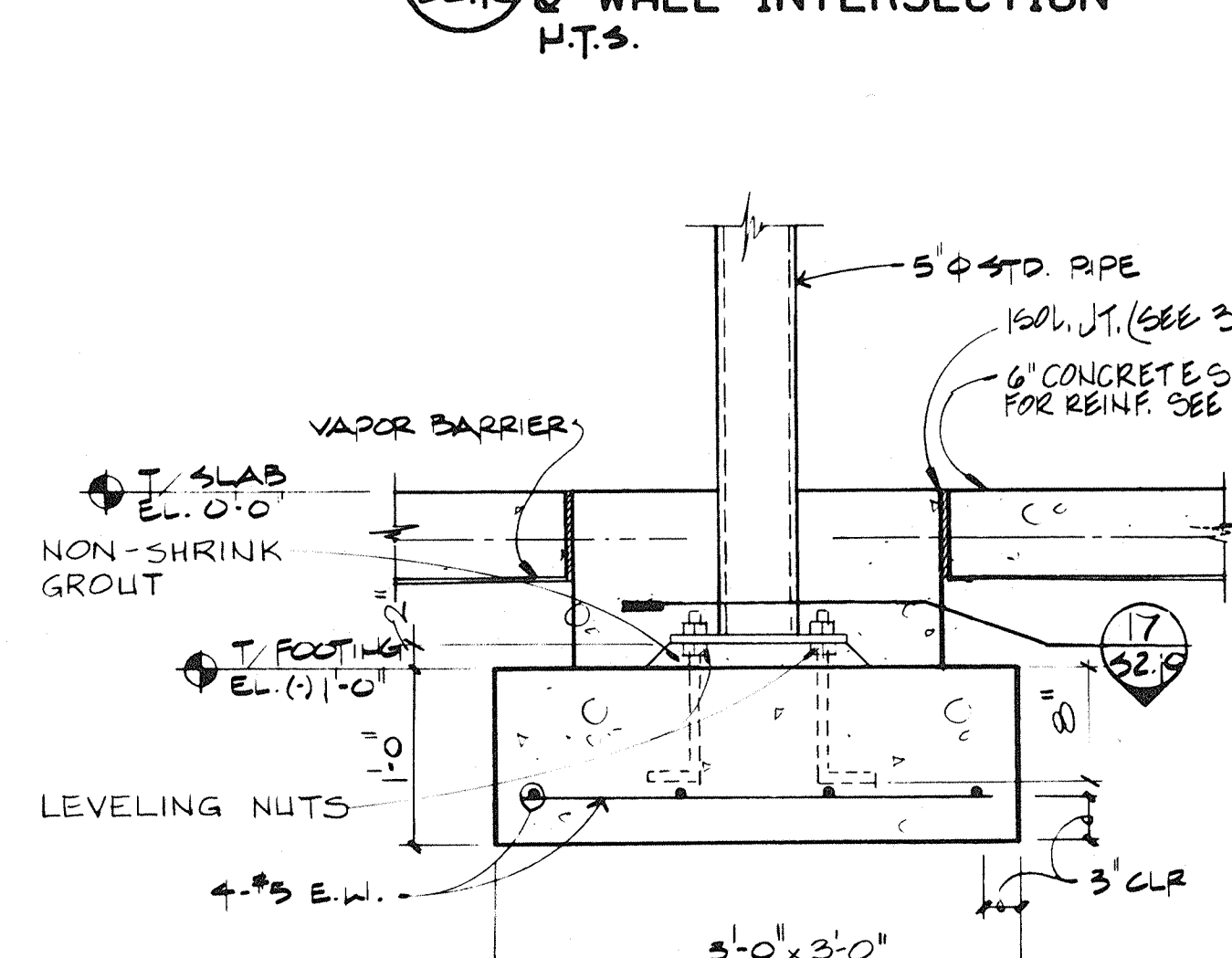
		DOUGLAS FIR #2
Fb	(SINGLE MEMBER USE)	1250 PSI
Fb	(REPETITIVE MEMBER USE)	1450 PSI
Fb	(PARALLEL TO GRAIN)	1050 PSI
Fc	(PERPENDICULAR TO GRAIN)	625 PSI
Fc		95 PSI
Ev		1,700,000 PSI

3. NOT USED

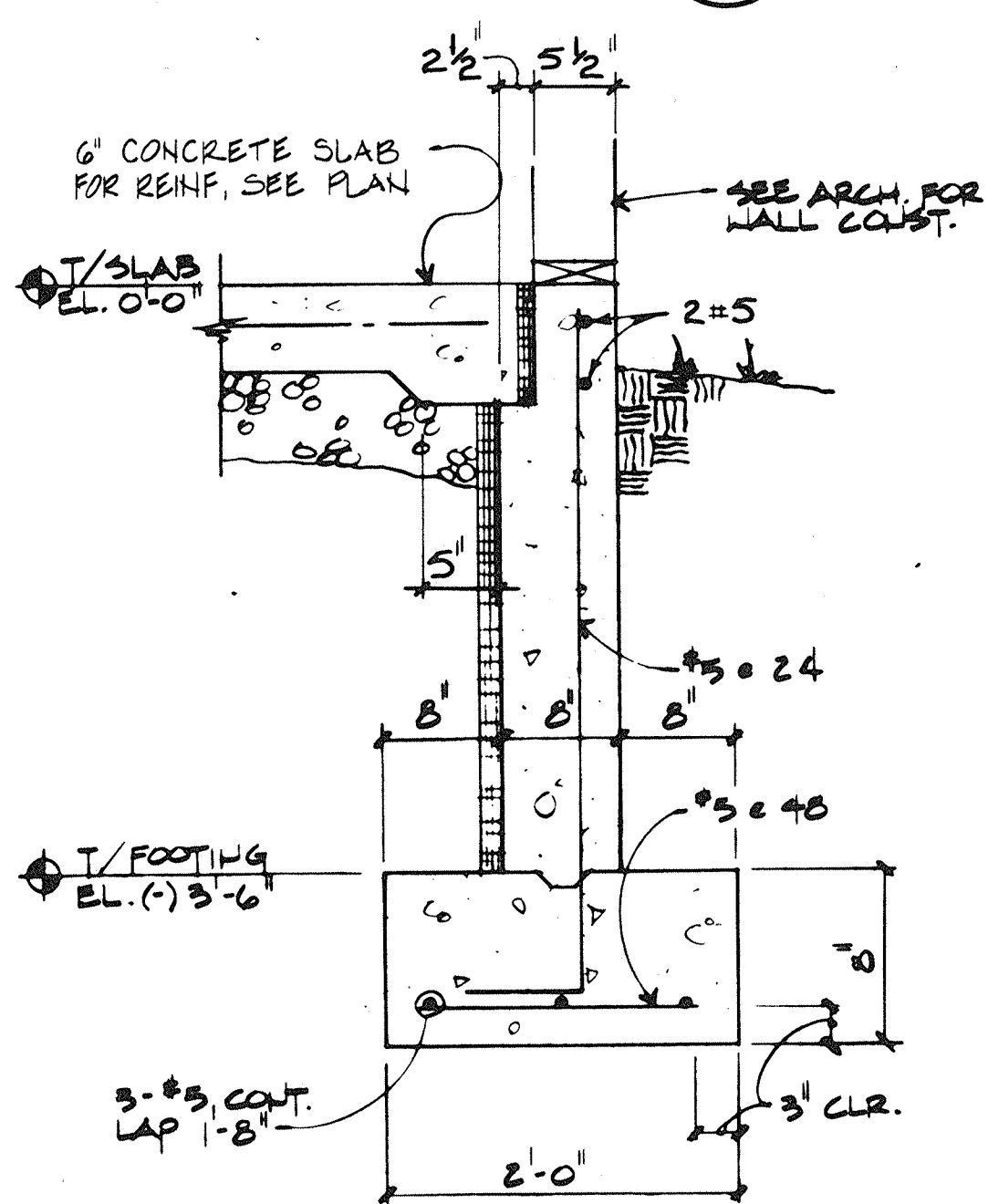
4. PRE-ENGINEERED WOOD STRUCTURAL ELEMENTS - TRUSSES, RAFTERS AND JOISTS SHALL BE DESIGNED TO SUPPORT THE SUPERIMPOSED DEAD AND LIVE LOADS SHOWN ON THE PLANS. DESIGN SHALL COMPLY WITH A17C STANDARDS - SEE ITEM 1.
5. TIMBER CONNECTIONS SHALL BE AS SHOWN ON THE DRAWINGS, AND WHEN NOT DETAILED, SHALL CONFORM TO ACCEPTED INDUSTRY STANDARDS SUBJECT TO THE ENGINEER'S APPROVAL.



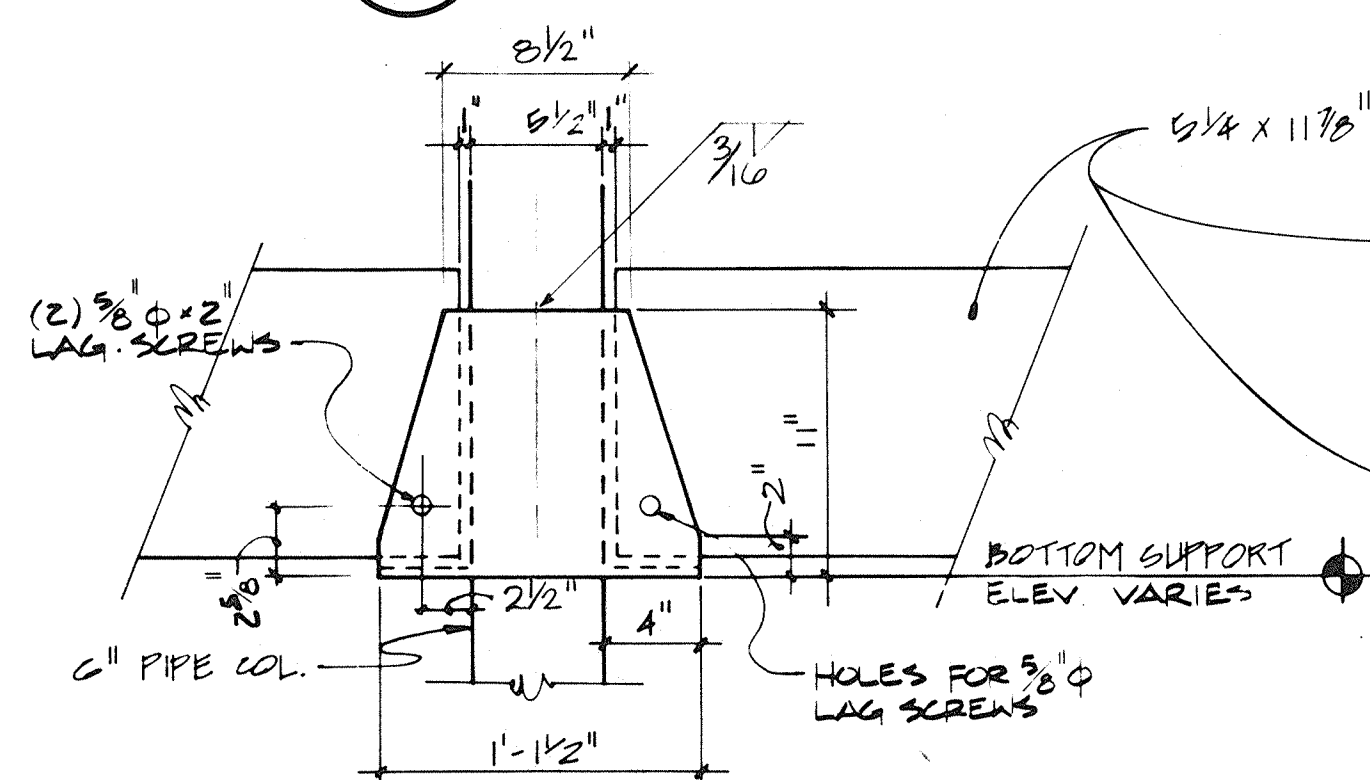
1 STEPPED FOOTING
52.10 @ WALL INTERSECTION
P.T.S.



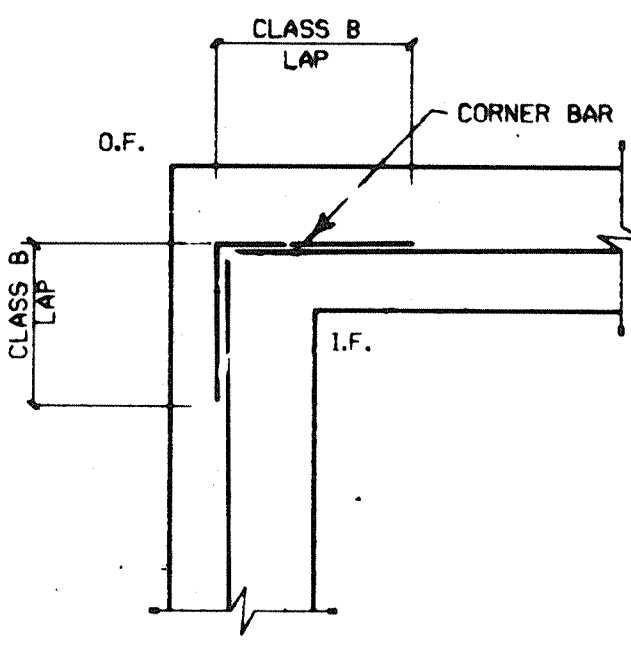
4 COLUMN DETAIL
32.10 1' = 1'-0"



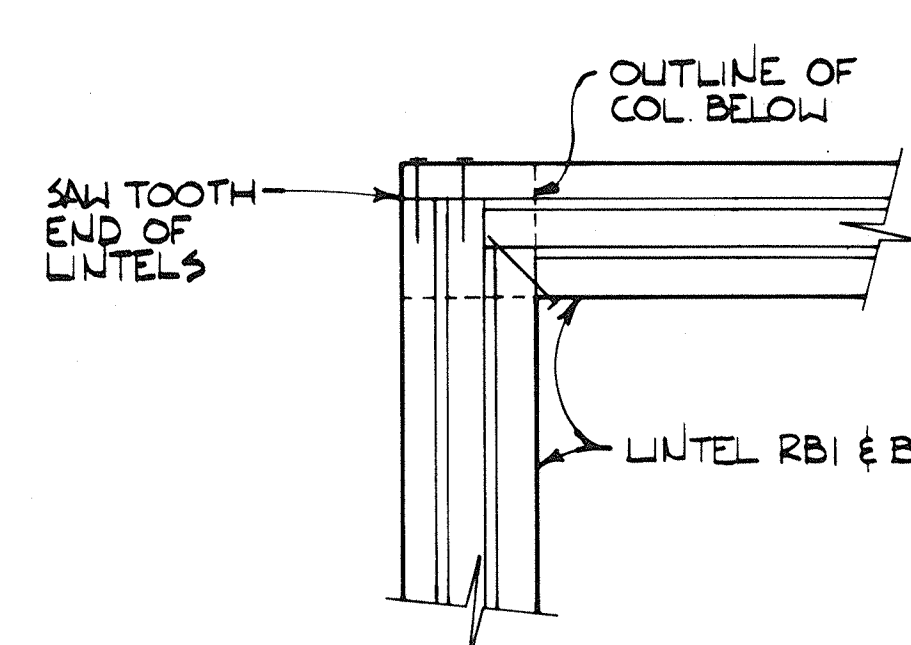
8 FOUNDATION WALL
32.10 1" = 1.0'



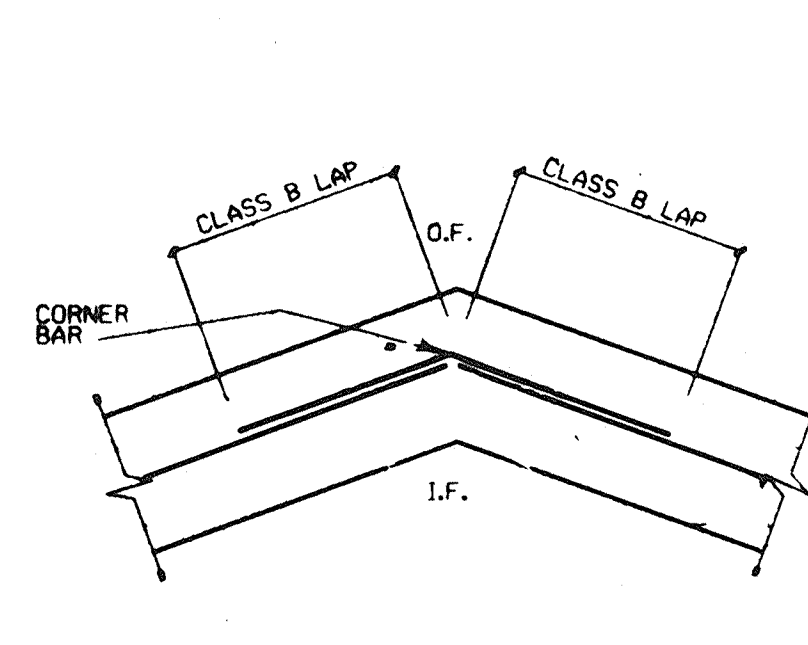
11 WOOD BEAM SUPPORT @ STEEL COLUMN
32.10 1 1/2" = 1'-0"



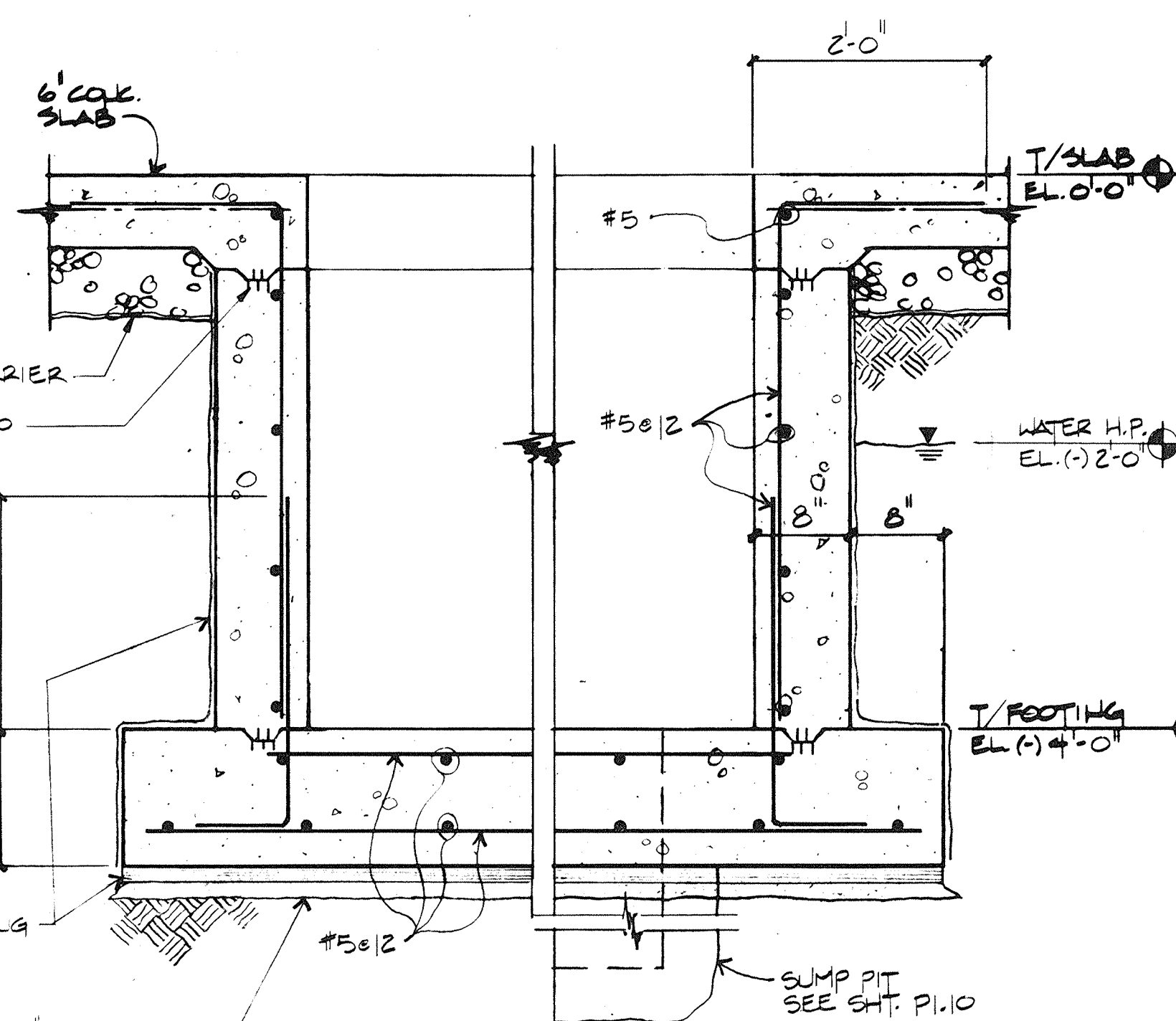
5 CORNER DETAIL
32.10 H.T.S.



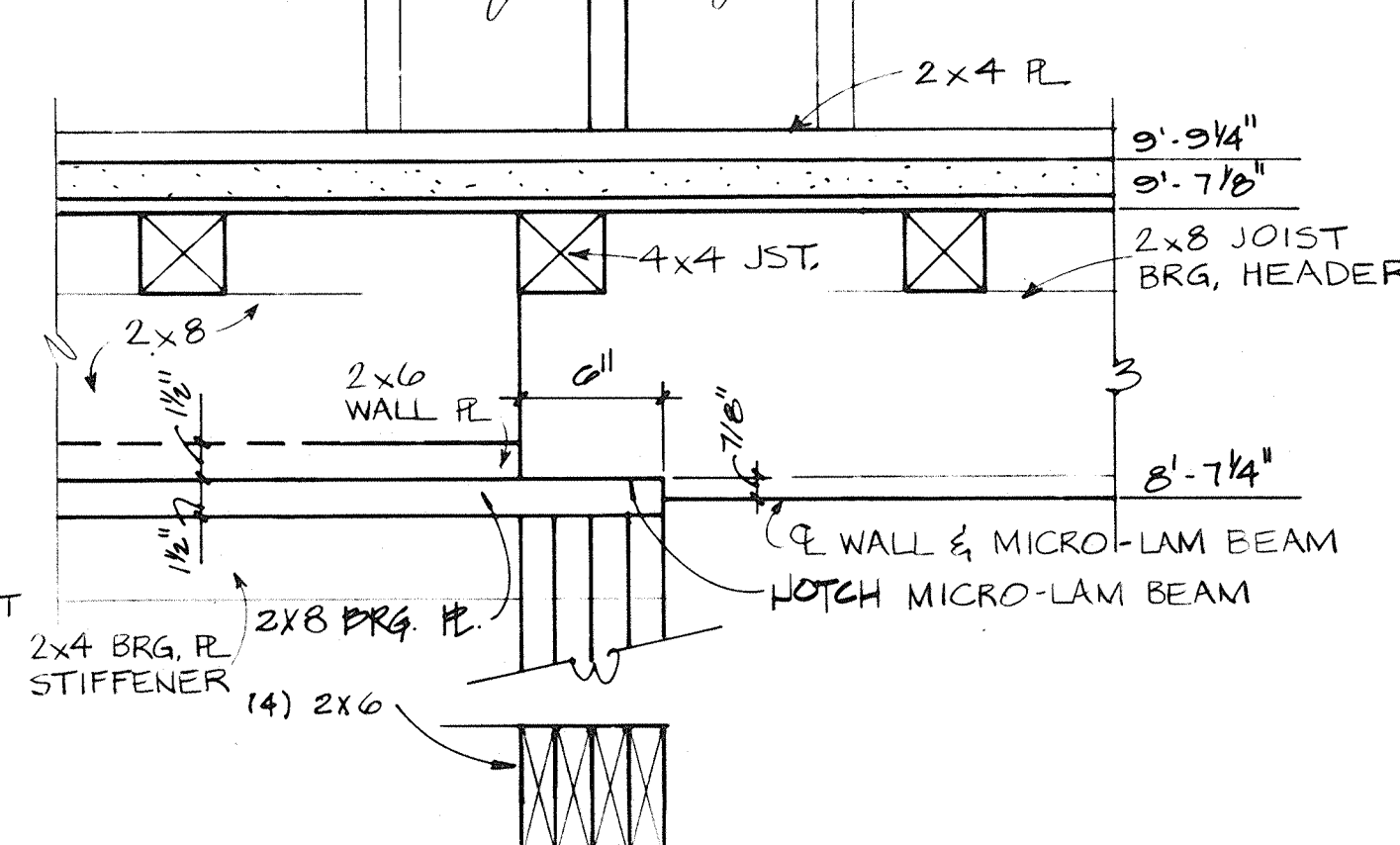
6 LUNTEL CORNER DETAIL
32.10



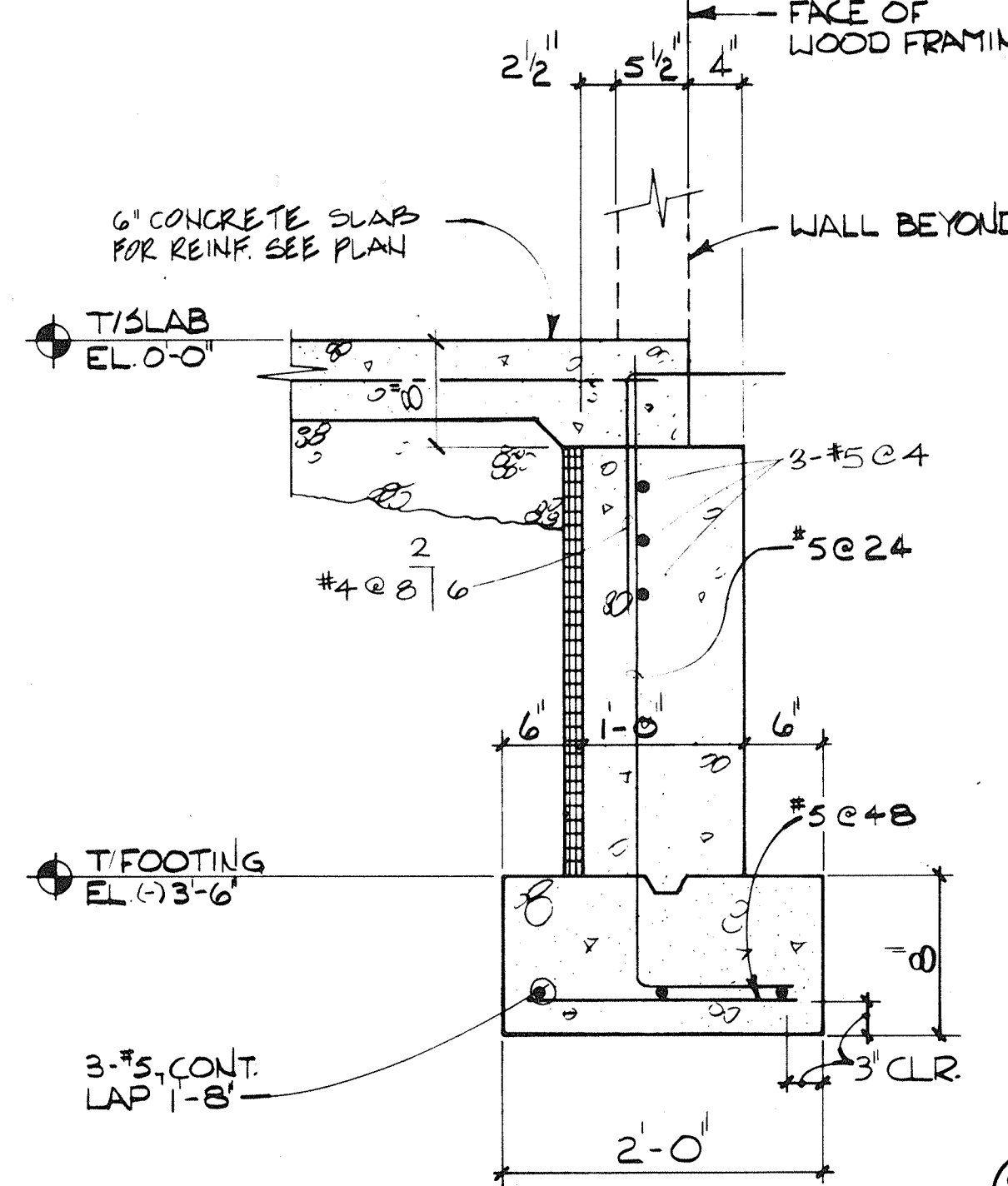
7 CORNER DETAIL
52.19 N.T.S.



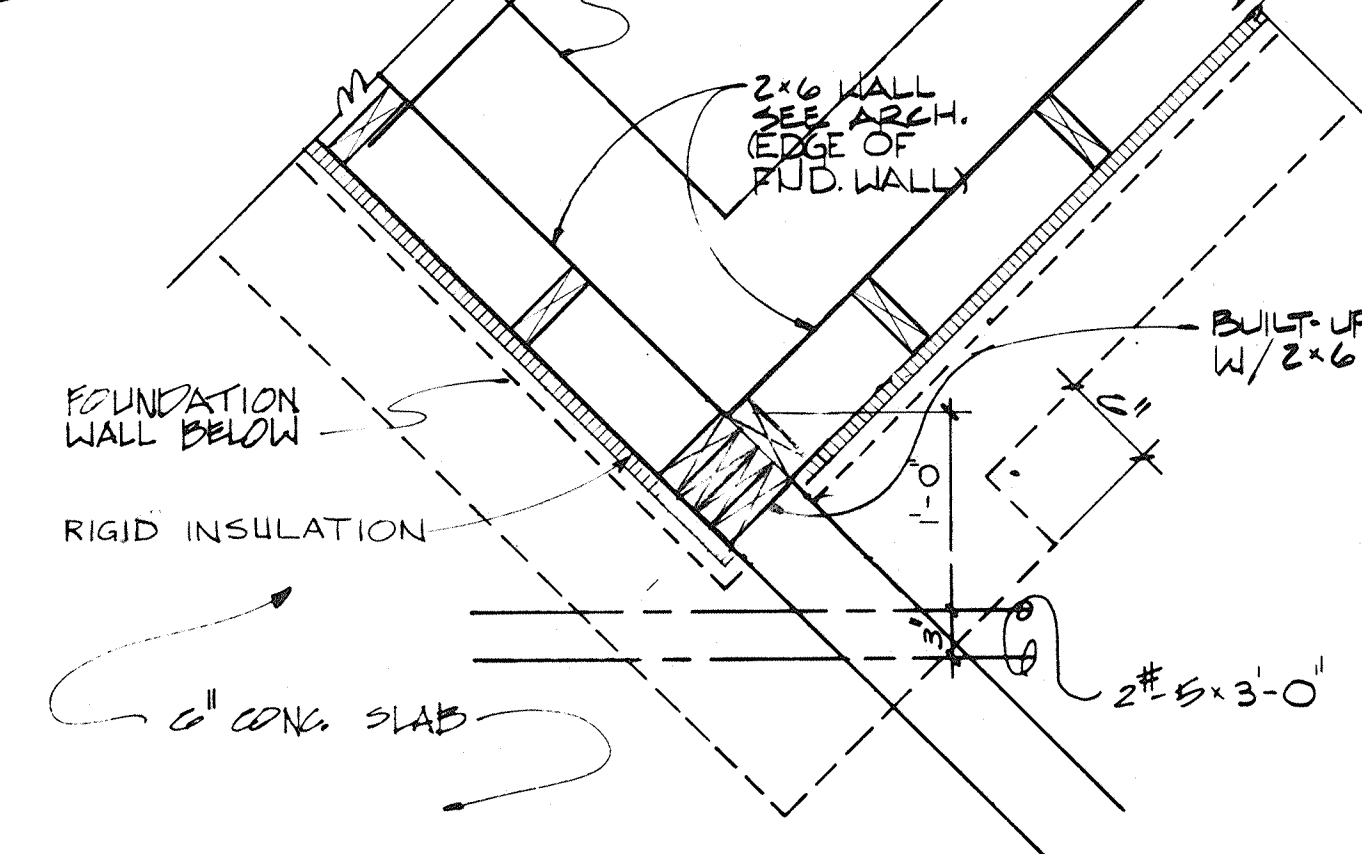
9 ELEVATOR PIT
32.19 1" 1.0"



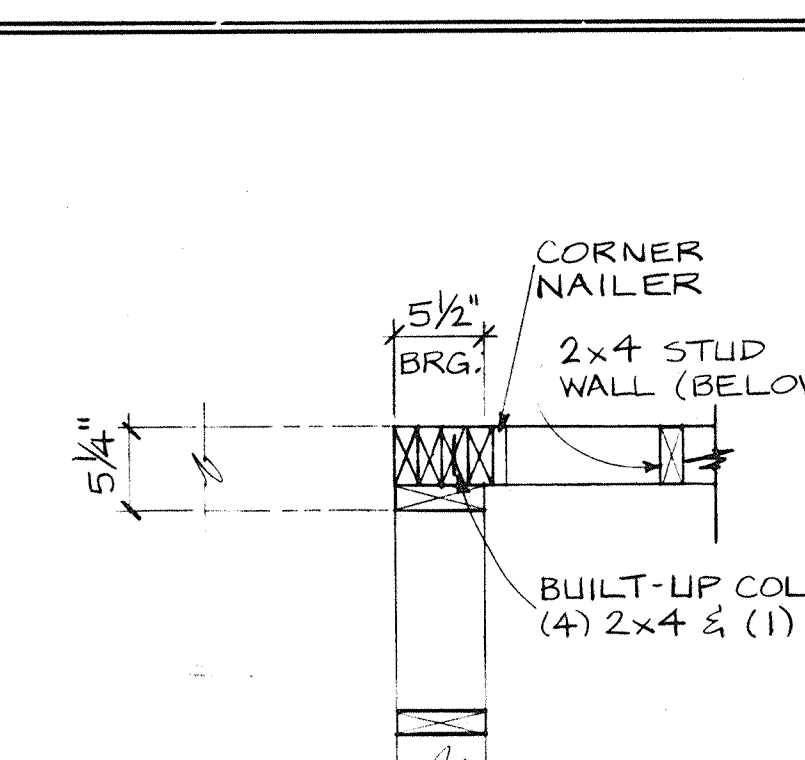
12 SECTION
52.10 1 1/2" = 1'-0"



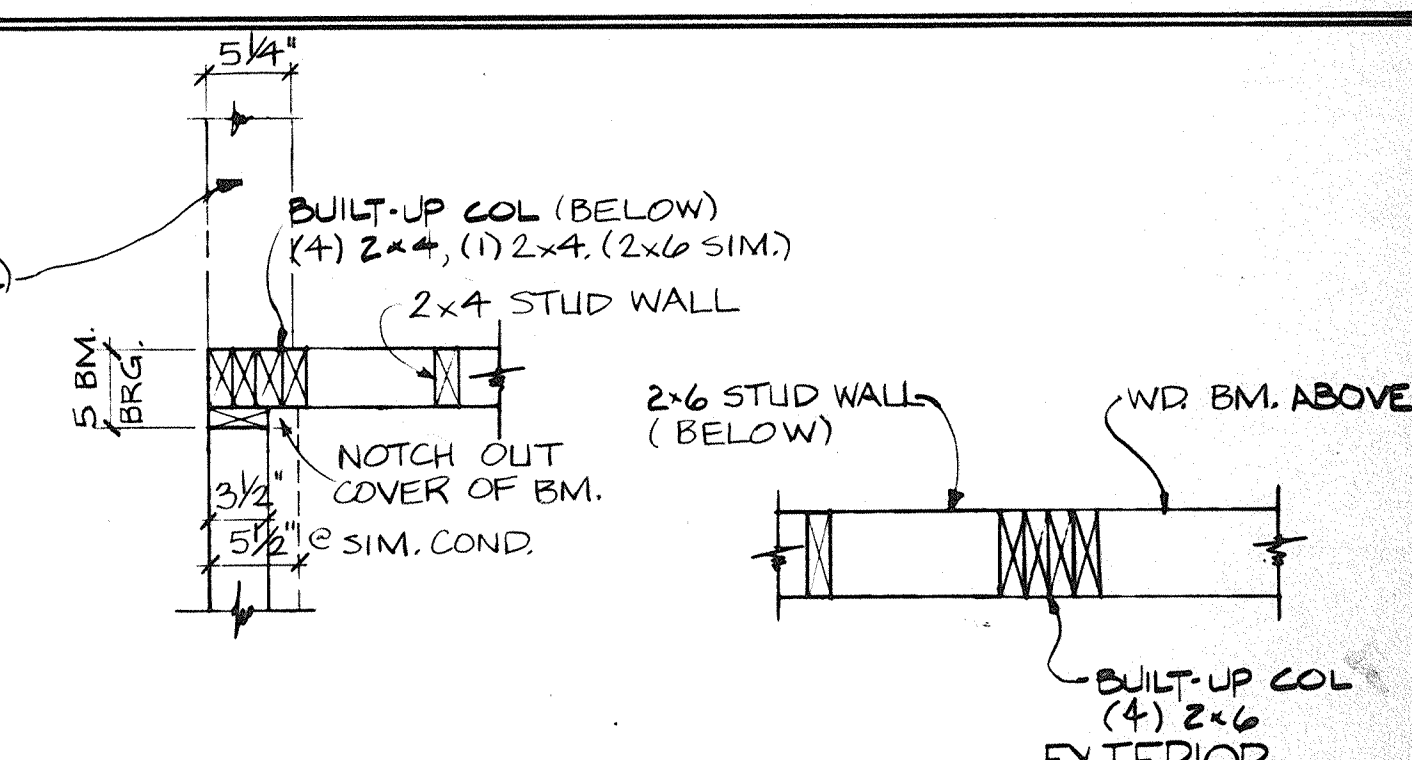
10
52.10



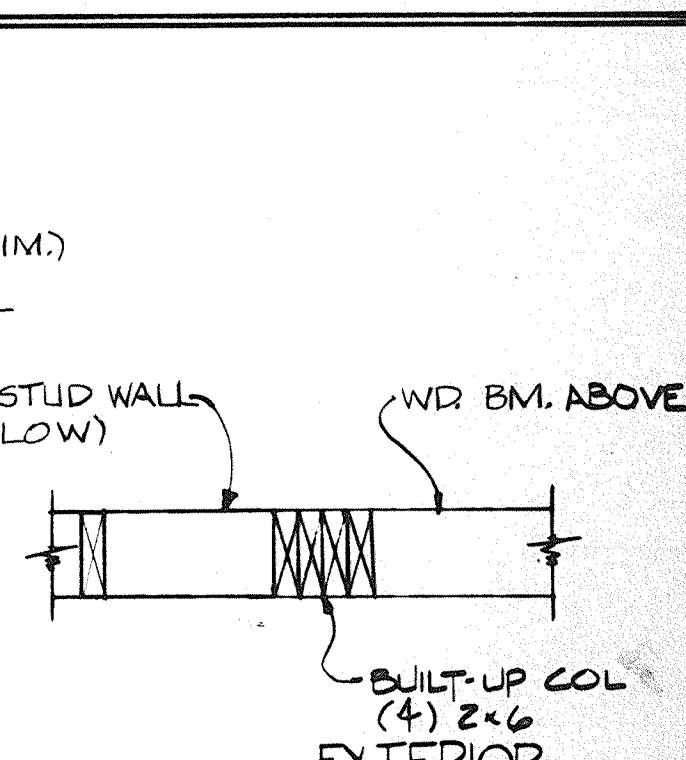
13 CORNER REINF. @ EXTERIOR COLUMN
52.9 $l^1 = l^2 = 0''$



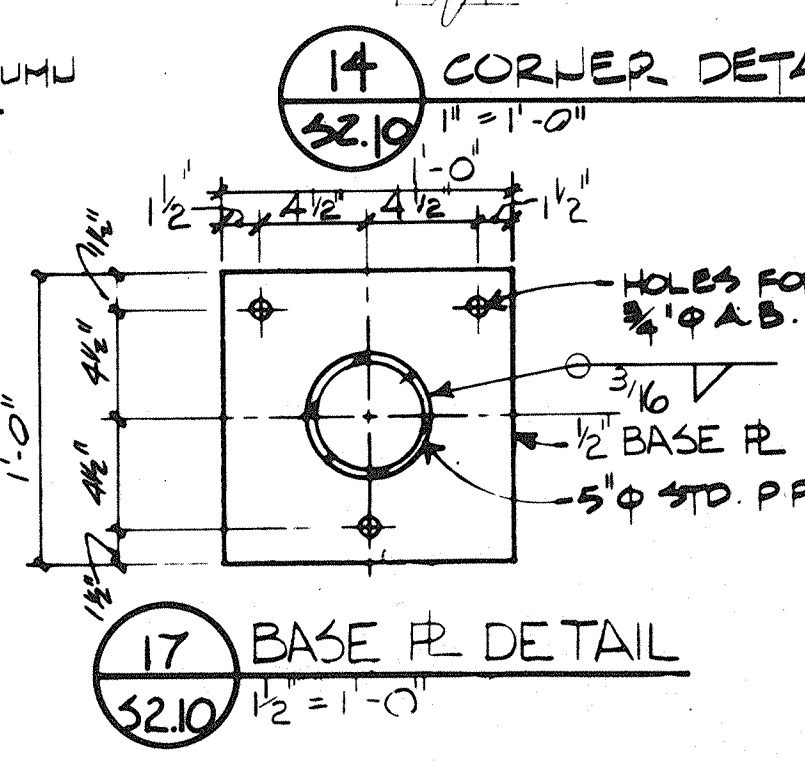
14 CORNER DETAIL
32.0 1" = 1'-0"



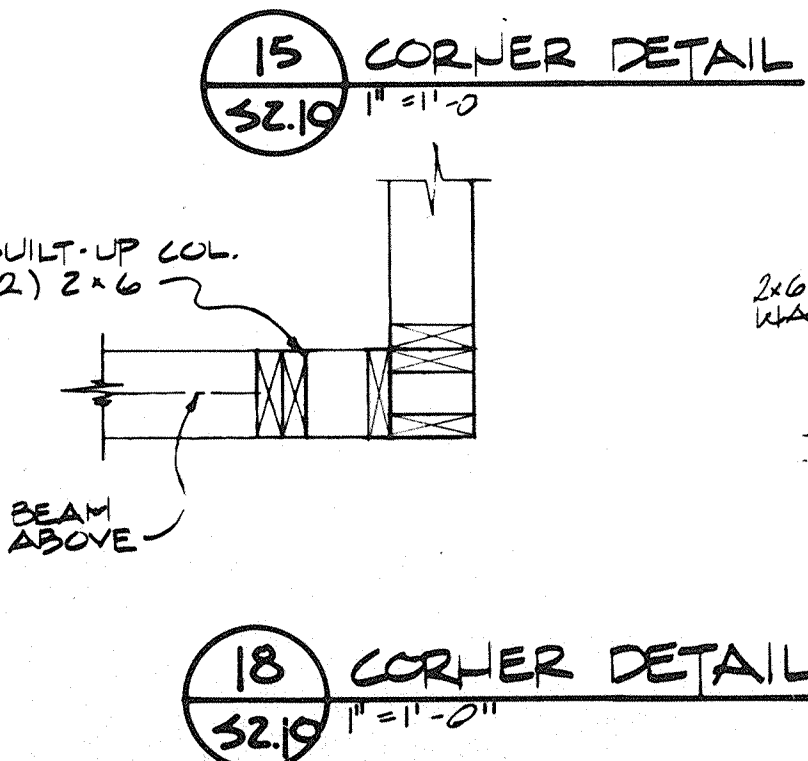
15 CORNER DETAIL
32.10 1" = 11'0"



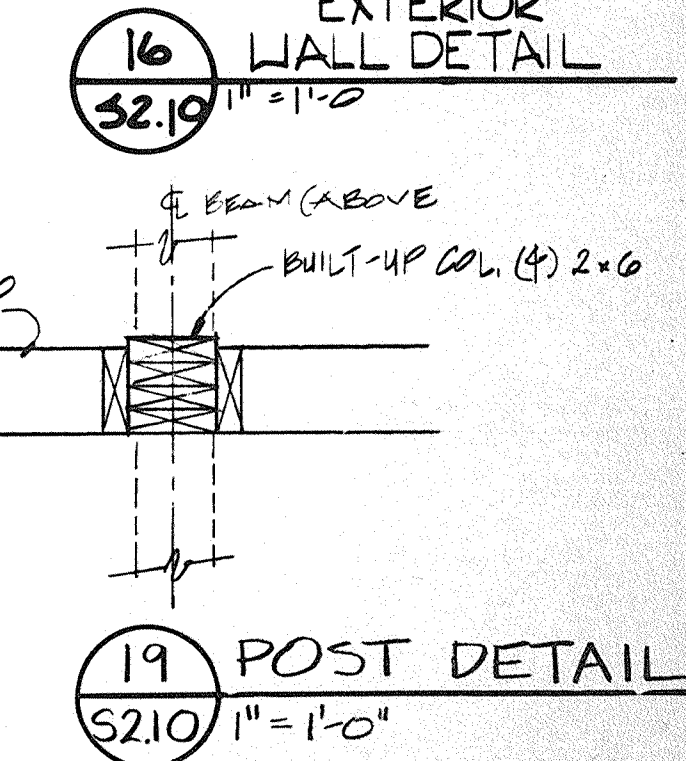
16
32.19 1" = 1'-0"






17 BASE PL DETAIL
52.10 $\frac{1}{2}'' = 1'-0''$



18 CORNER DETAIL
52.19' = 1'-0"



19 POST DETAIL
52.10 1" = 1'-0"

REVISIONS NO. DATE REMARKS 12/3 92 REVISOR PER RECORD DRAWINGS			DRAWN KMS TRACED CHECKED JAR	PREP. APPROV. APPROV.		 Architects Engineers Planners 1771 W. Diehl Road Naperville, Illinois 60540 (312) 983-5445	 STATE OF ILLINOIS CAPITAL DEVELOPMENT BOARD C.D.B. PROJECT NUMBER 759-050-001 PH8	PROJECT NUMBER 1735.26 DATE 3-20-29 SHEET NUMBER S2.10 OF SHEETS	DETAILS & GENERAL STRUCTURAL NOTES ILLINOIS MATHEMATICS AND SCIENCE ACADEMY PHASE 8 - STUDENT HOUSING RANDALL ROAD AND SULLIVAN ROAD AURORA, ILLINOIS
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**UNIT E
FOUNDATION PLAN**
1/4"=1'-0"
0 1 2 4m

**UNIT D
FOUNDATION PLAN**
1/4"=1'-0"
0 1 2 4m

**UNIT A
FOUNDATION PLAN
(OPPOSITE HAND)**
1/4"=1'-0"
0 1 2 4m

**UNIT B
FOUNDATION PLAN**
1/4"=1'-0"
0 1 2 4m

FOUNDATION PLAN
1/8"=1'-0"
0 1 2 4m

**UNIT C
FOUNDATION PLAN**
1/4"=1'-0"
0 1 2 4m

STANDARD LINE SYMBOLS

- COLD WATER (CW)
- HOT WATER (HW)
- 105° HOT WATER (HW) (VARIES)
- HOT WATER CIRCULATING (HWC)
- VENT (V) UNDERGROUND
- VENT (V) SUSPENDED
- WASTE UNDERGROUND
- WASTE SUSPENDED
- GAS PIPING (G)
- GATE VALVE (GV)

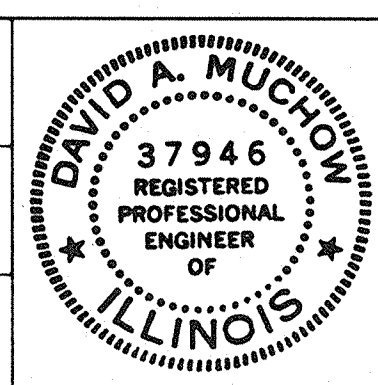
- GAS COCK
- BALANCING COCK (BC)
- CHECK VALVE (CK.V)
- UNION
- WALL HYDRANT (WH)
- FIRE HYDRANT (FH)
- METER
- PUMP
- FLOOR DRAIN W/P-TRAP (FD)
- LINE/FLOOR CLEAOUT (CO)
- THRUST BLOCK
- OPERATING AQUASTAT
- BACK FLOW PREVENTER (BFP)

STANDARD ABBREVIATIONS

- AWC - AUTOMATIC WASHER CONNECTION
- BT - BATH TUB
- DN - DOWN
- EW - ELECTRIC WATER COOLER
- FBO - FURNISHED BY OTHERS
- FFA - FROM FLOOR ABOVE
- FFB - FROM FLOOR BELOW
- GMH (D) - GAS WATER HEATER
- HW - HOT WATER
- HWC - HOT WATER CIRCULATING
- I.E. - INVERT, ELEVATION
- L - LAVATORY
- LT - LAUNDRY TUB
- MSB - MOP SINK BASIN
- SH - SHOWER
- SK - SINK
- TF - TO FLOOR ABOVE
- TFB - TO FLOOR BELOW
- UR - URINAL
- WTRF - WATER CLOSET
- WC - WATER CLOSET
- YCO - YARD CLEANOUT

REVISIONS		
NO.	DATE	REMARKS
1	12/3/92	REVISED PER RECORD DRAWINGS

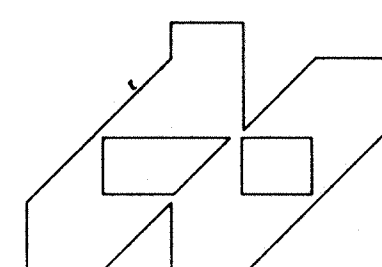
DRAWN JDE	PREP.
CHECKED LSP	APPROV.



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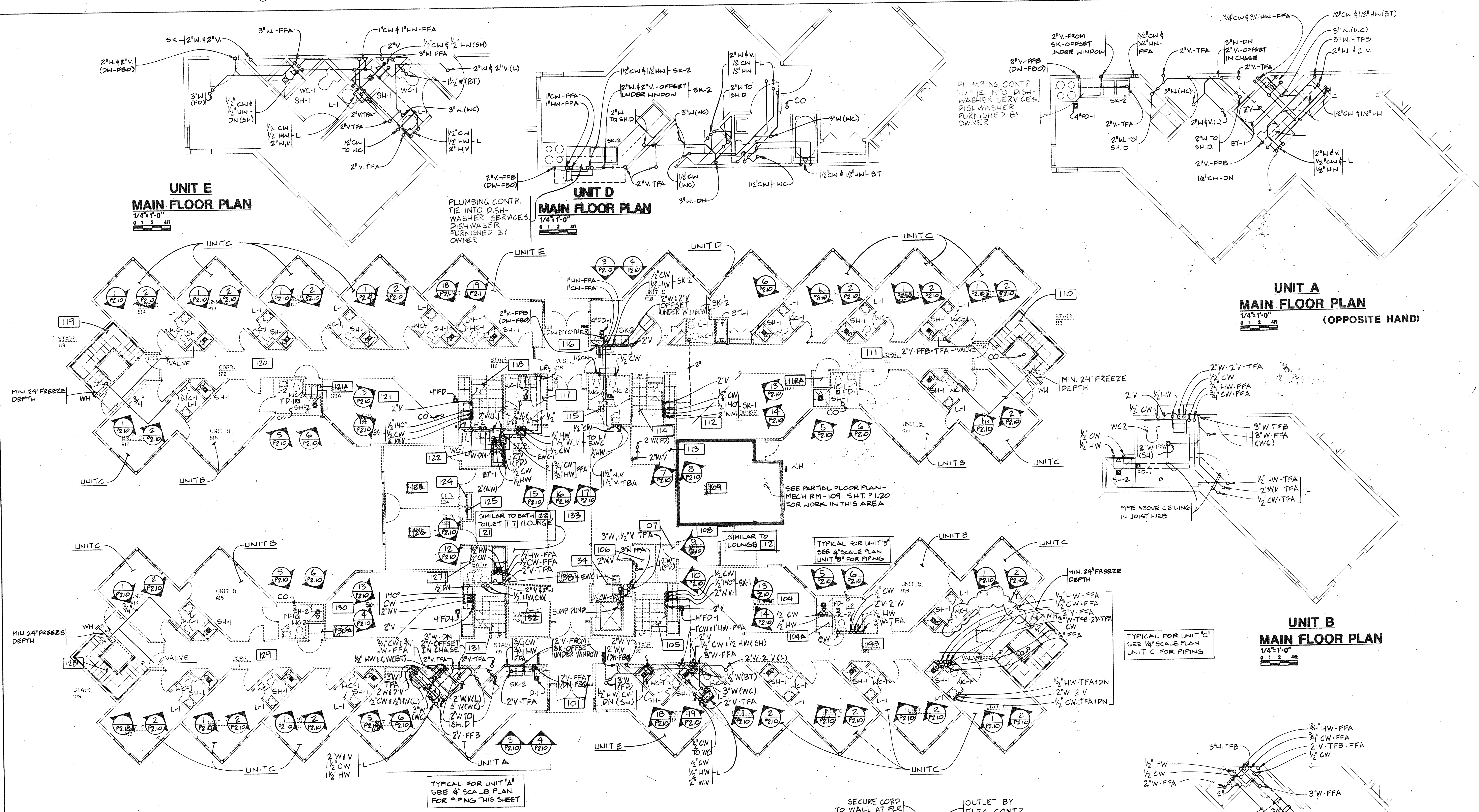
STATE OF ILLINOIS
CAPITAL DEVELOPMENT BOARD
C.D.B. PROJECT NUMBER 759-050-001 PH8

FOUNDATION PLAN PLUMBING

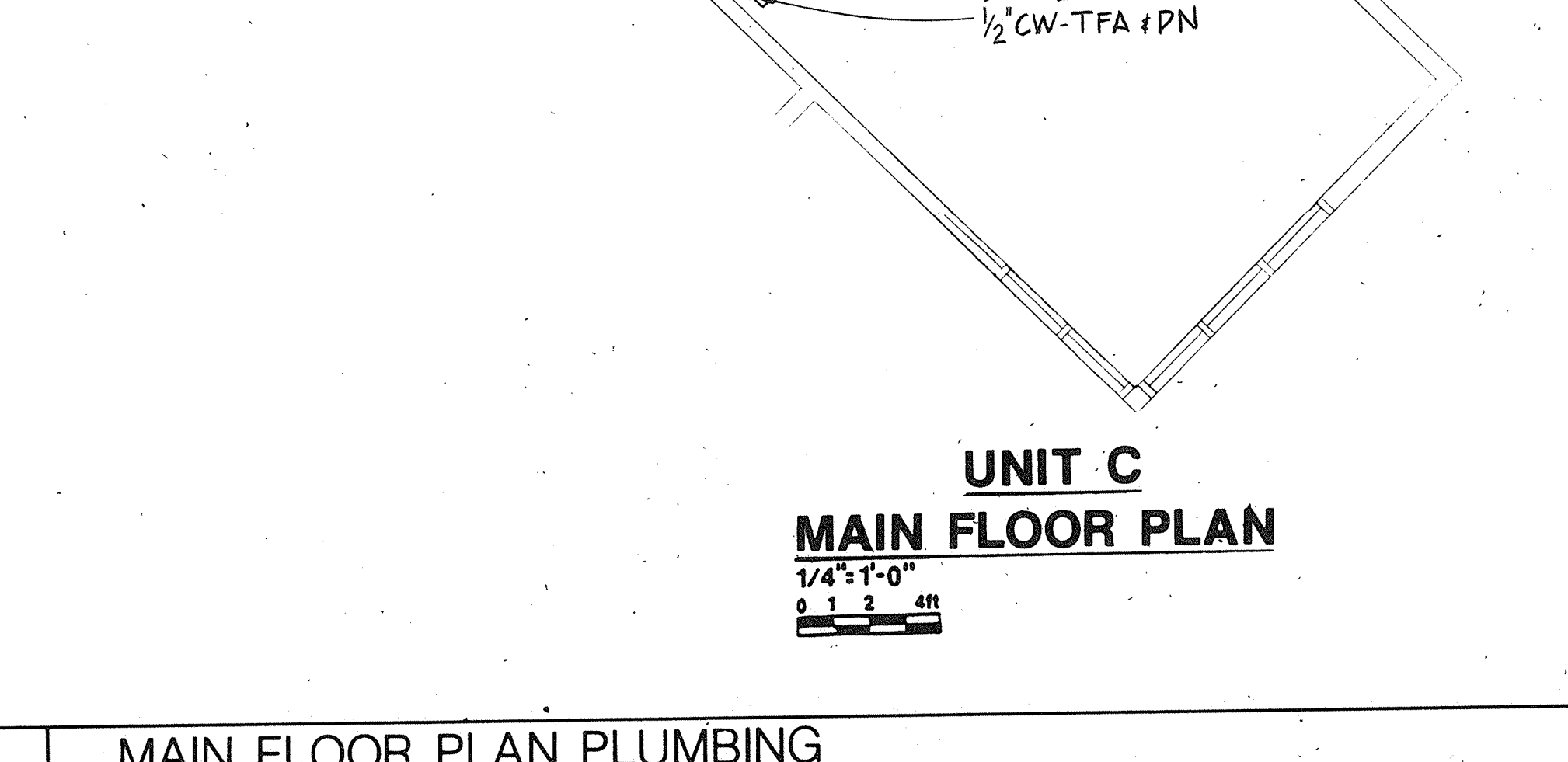
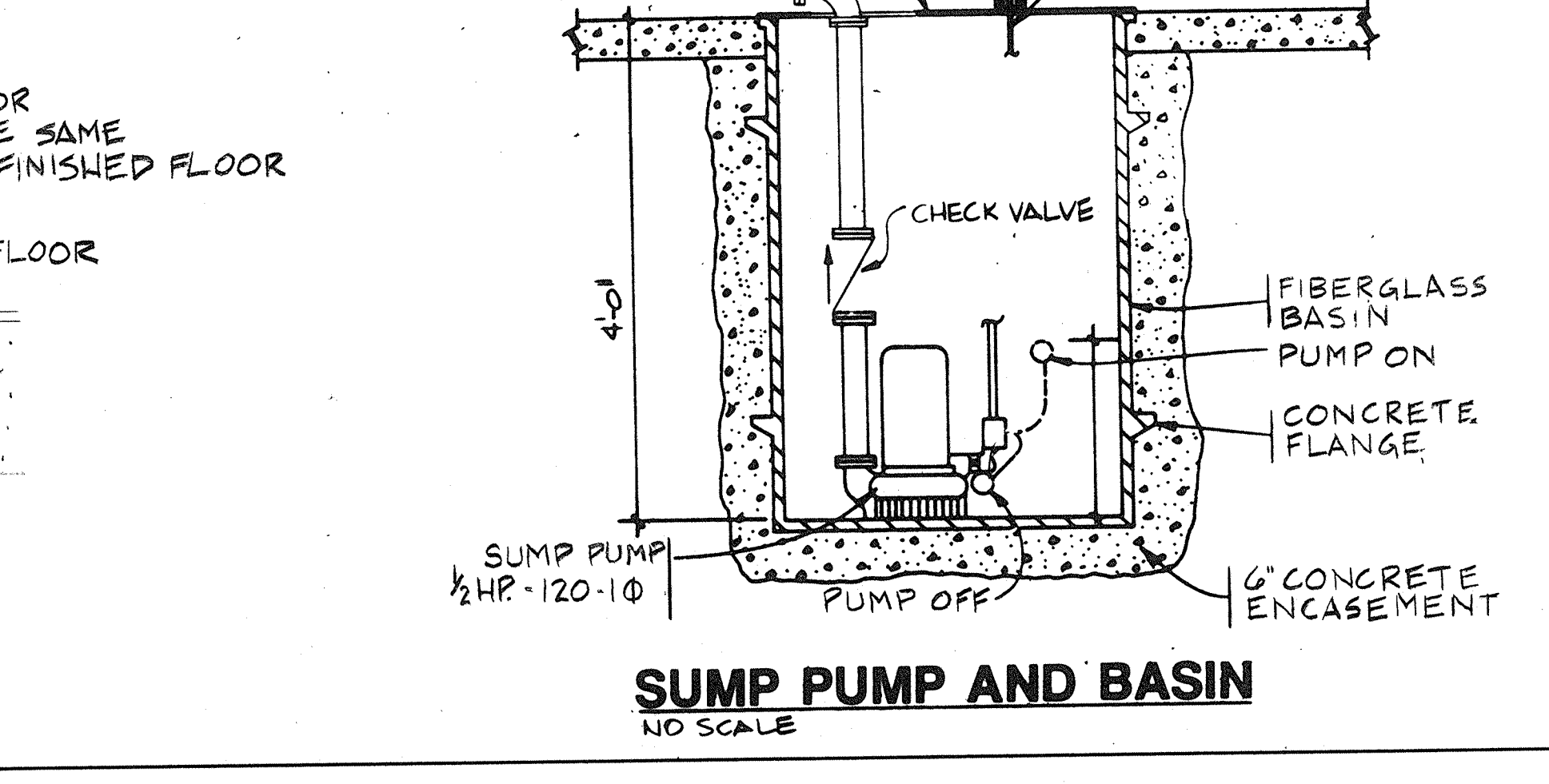
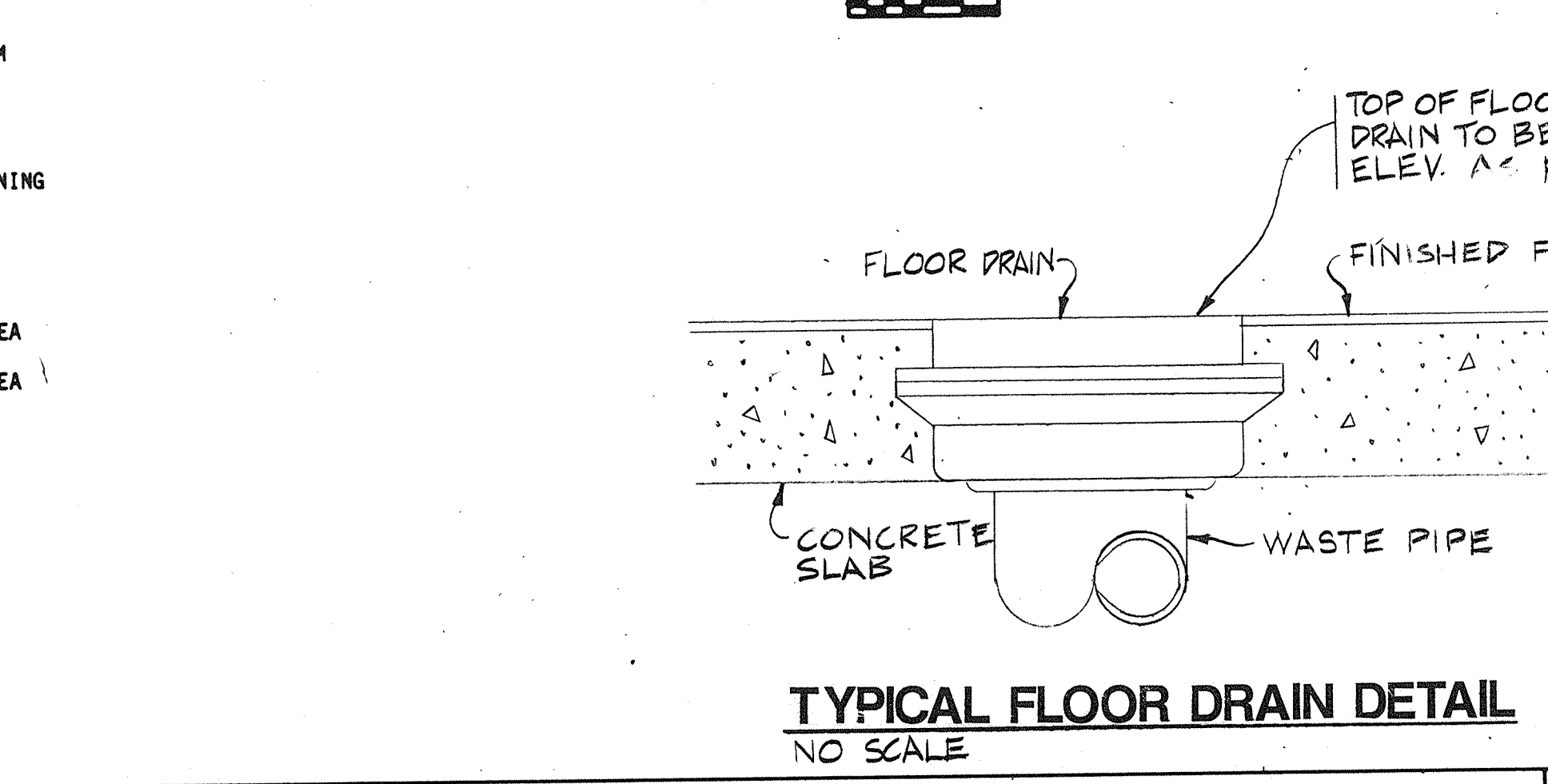
ILLINOIS MATHEMATICAL AND SCIENCE ACADEMY
PHASE 3 - STUDENT HOUSING
RANDALL ROAD AND SULLIVAN ROAD
AURORA, ILLINOIS

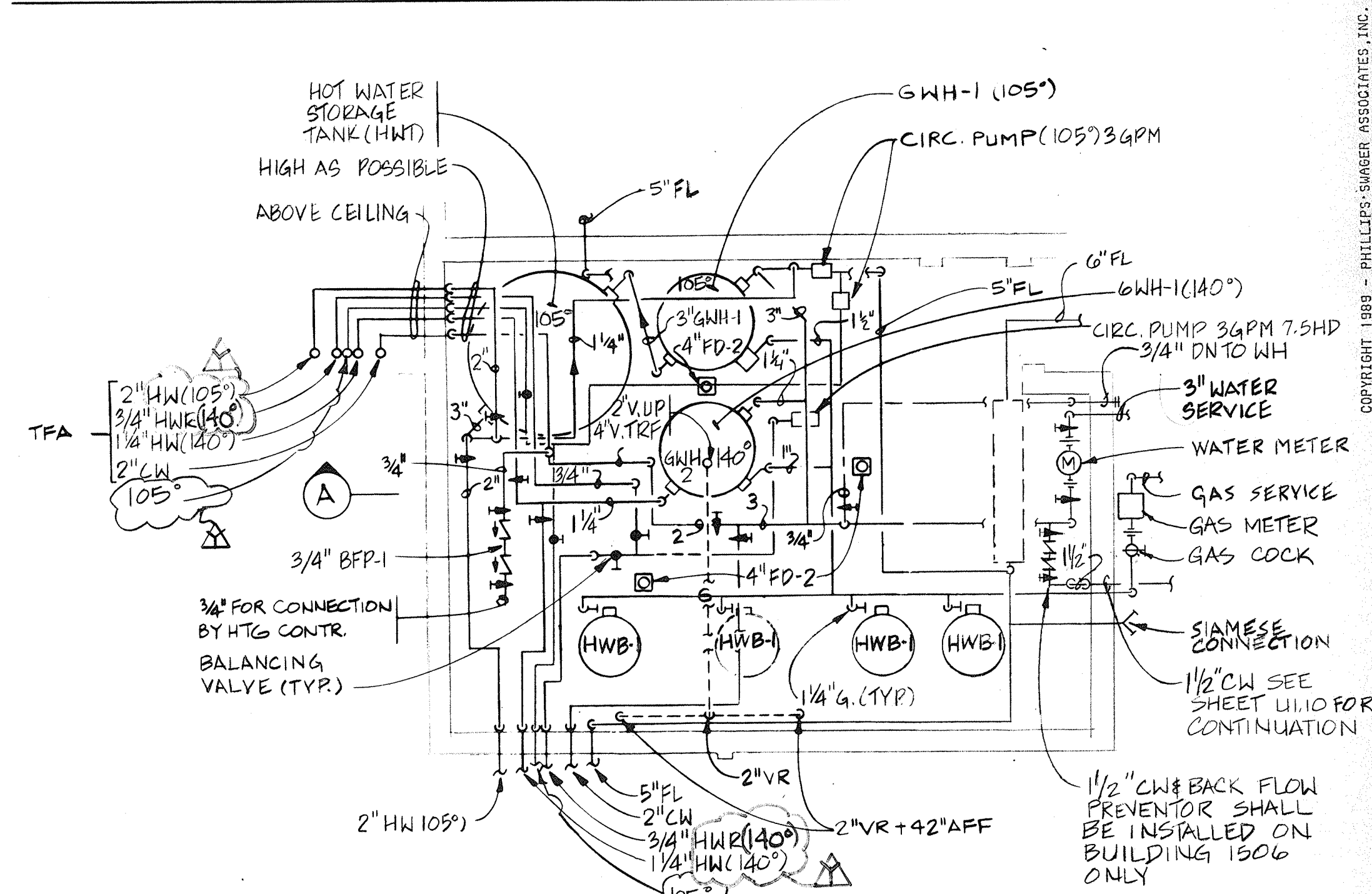
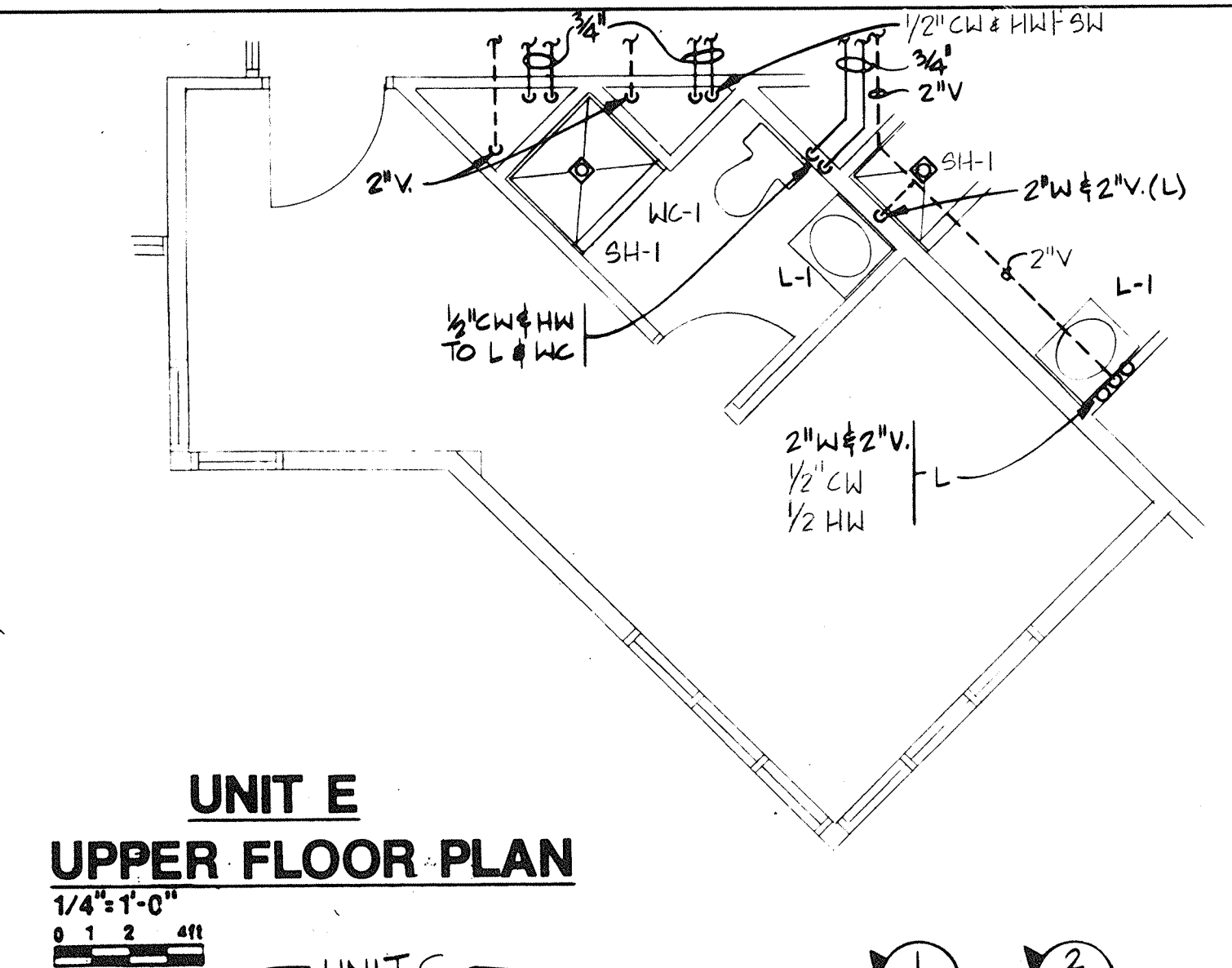
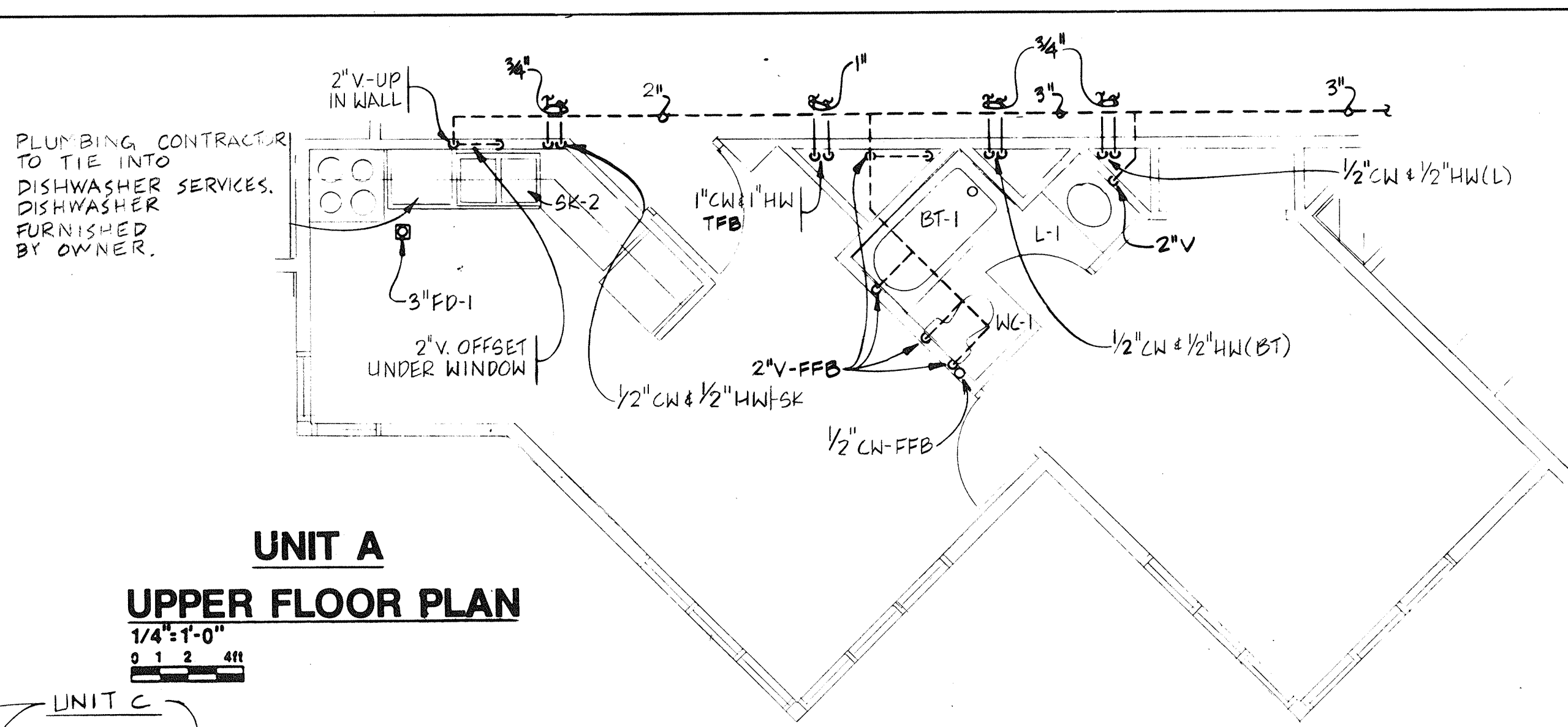
PROJECT NUMBER 1735.26
DATE 3-30-89
SHEET NUMBER P1.01
OF 4 SHEETS

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ROOM NUMBER	ROOM NAME	126	SUITE	215A	STOR.
101	VEST.	127	BATH	216	STUDY ROOM
102	STAIR	128	STAIR	217	LAUNDRY
103	CORR.	129	CORR.	218	MECH.
104	LOUNGE	130	LOUNGE	219	BRIDGE
104A	STOR.	130A	STOR.	A101	KITCHEN
105	STAIR	131	STAIR	A102	LIVING/DINING
106	ELEV. EQUIP.	132	PRACTICE	A103	HALL
107	STOR.	133	ASSEMBLY/RECREATION	A104	CLO.
108	VEST.	134	JAN. CL.	A105	BATH
109	MECH.	135	STOR.	A106	BEDROOM
110	STAIR	136	STOR.	A107	CLO.
111	LOUNGE	201	VEST.	B101	LIVING AREA
112	LOUNGE	202	CORR.	B102	TOILET
112A	STOR.	202A	STOR.	C101	LIVING AREA
113	STOR.	203	STUDY ROOM	C102	TOILET
114	STOR.	204	JAN. CL.		
115	STOR.	205	MECH.		
116	STOR.	206	CORR.		
117	STOR.	206A	STOR.		
118	STOR.	207	STUDY ROOM		
119	STOR.	208	MECH.		
120	STOR.	209	COUNS/PROCT		
121	STOR.	210	VEST.		
121A	STOR.	211	CORR.		
122	BATH	211A	STOR.		
123	SUITE	212	STUDY ROOM		
124	CLO.	213	LAUNDRY		
125	CLO.	214	MECH.		
		215	CORR.		



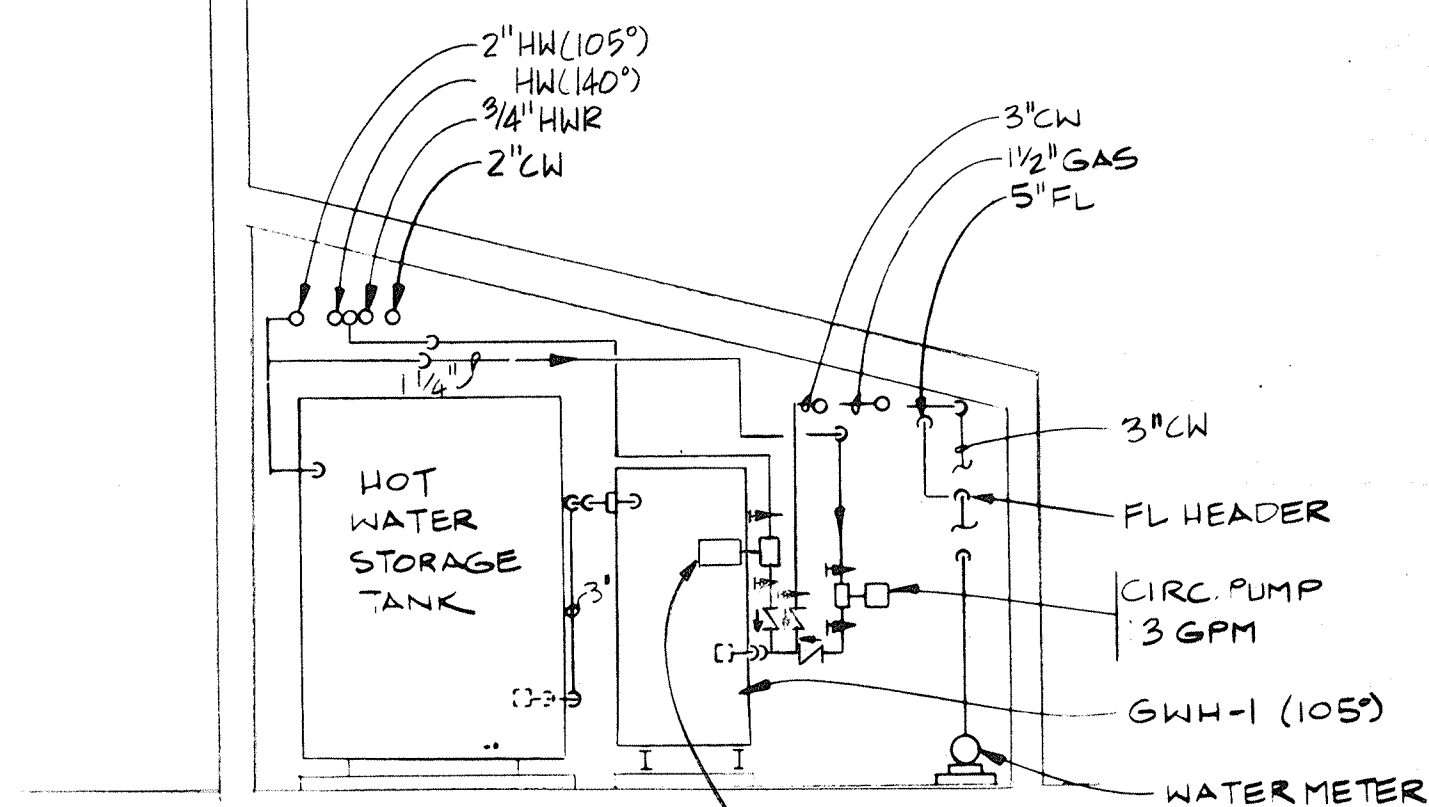


PARTIAL FLOOR PLAN - MECH. RM 109

1/4" = 1'-0"
0 1 2 4 ft

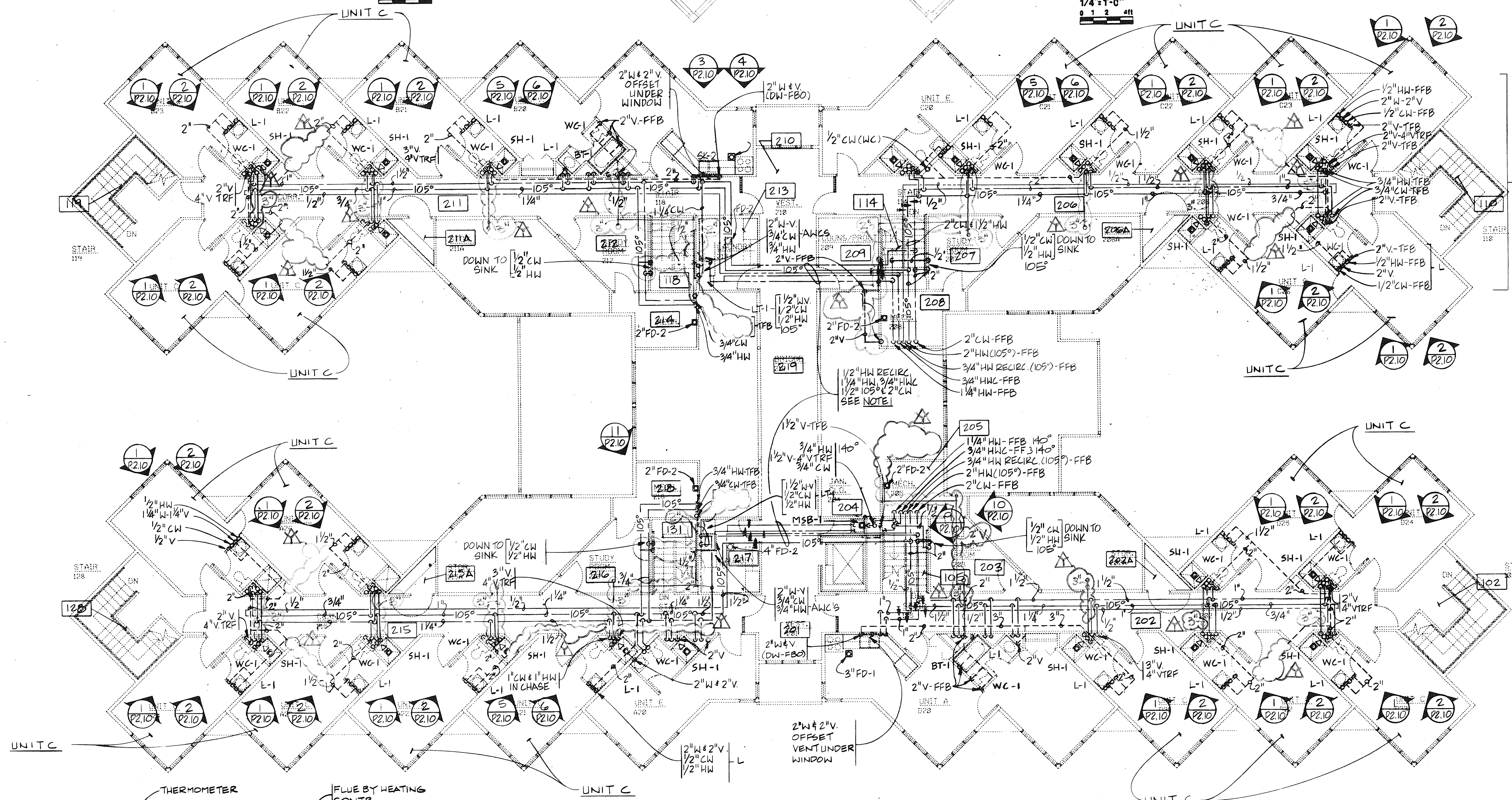
NOTES:

1. INSULATED PIPING SHALL BE INSTALLED INSIDE OF W/8\"/>



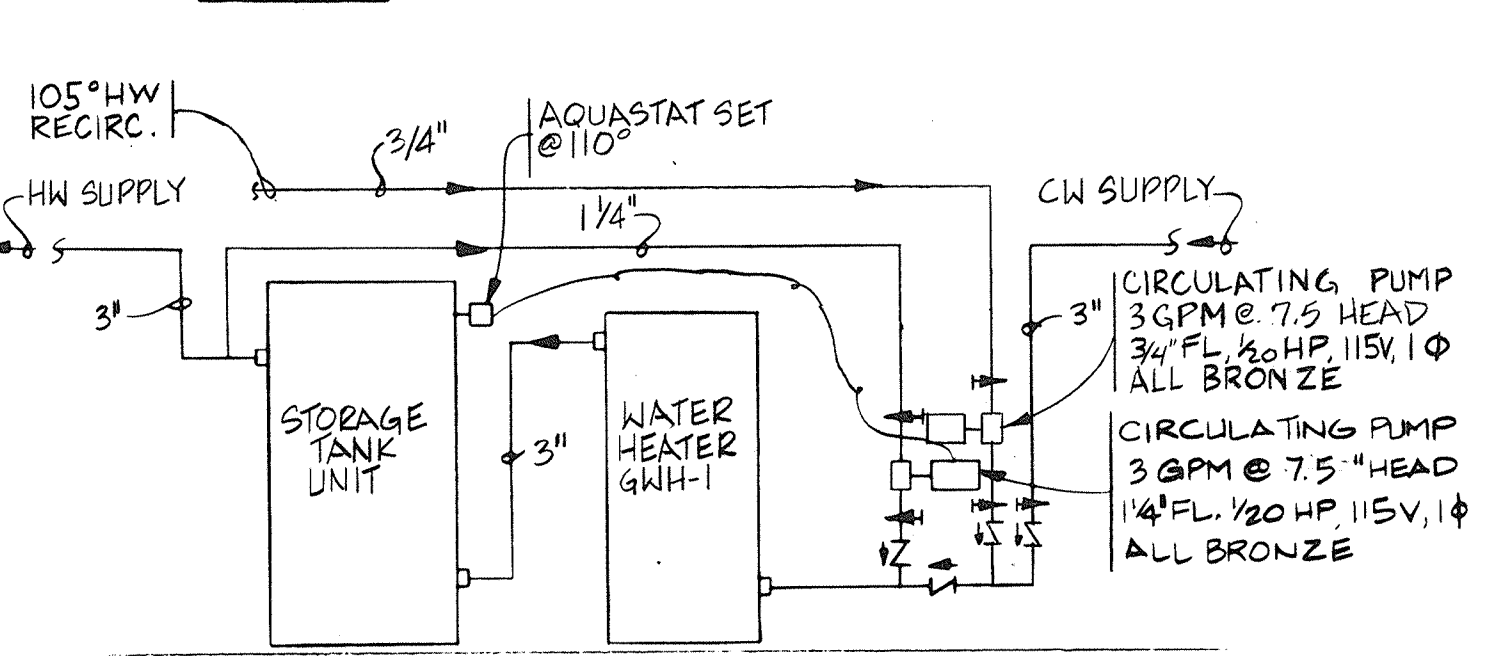
SECTION A

1/4" = 1'-0"
0 1 2 4 ft



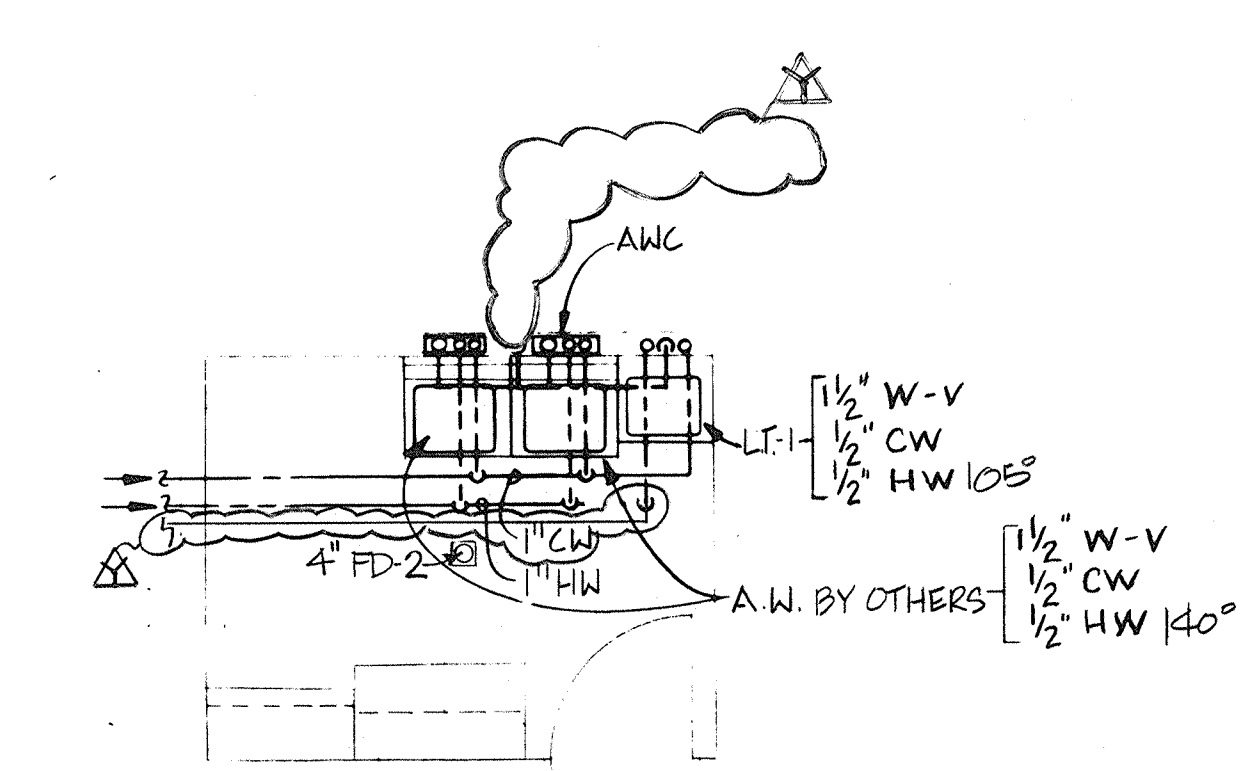
UPPER FLOOR PLAN

1/8" = 1'-0"
0 1 2 4 ft



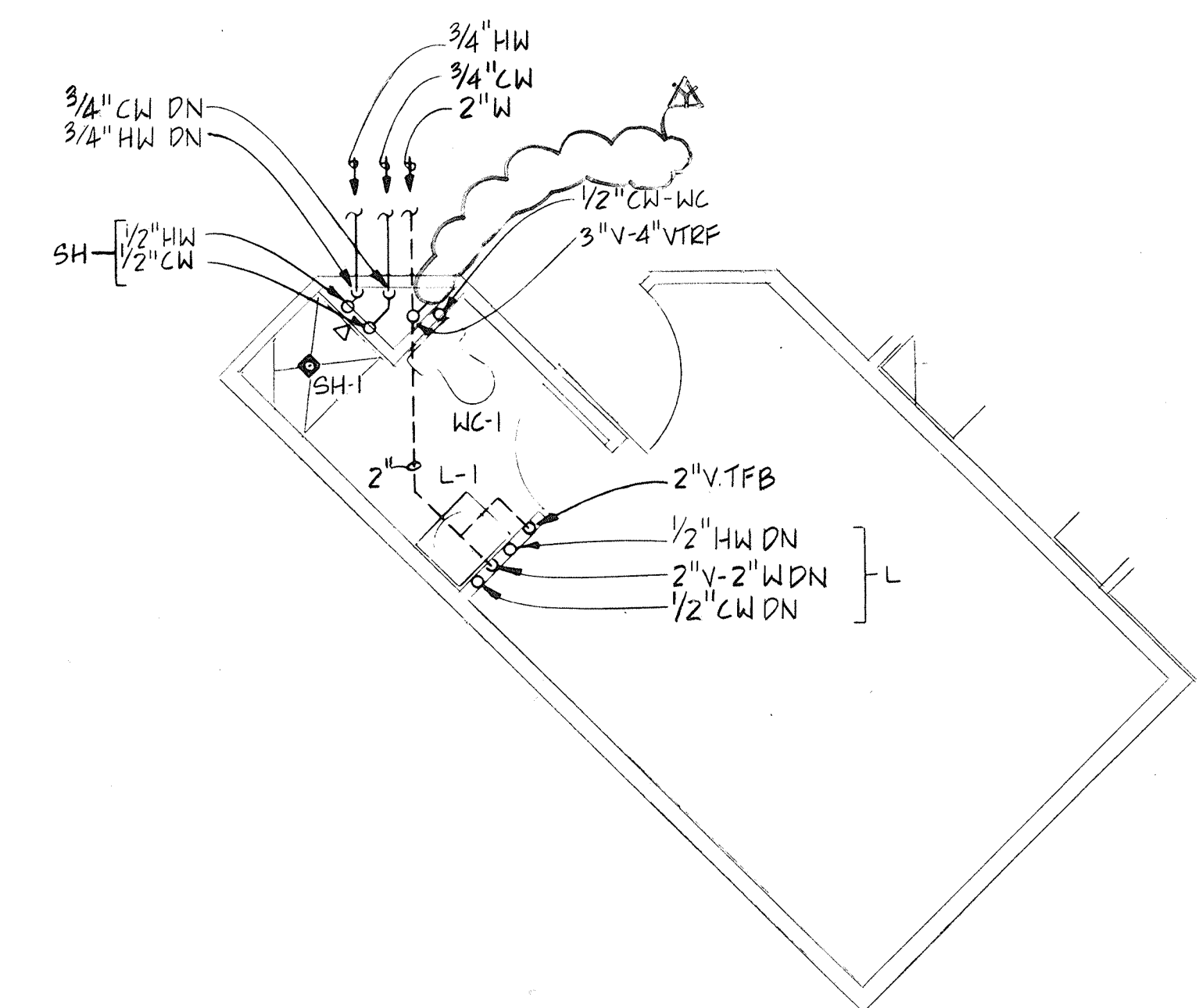
WATER HEATER AND STORAGE TANK DETAIL

NO SCALE



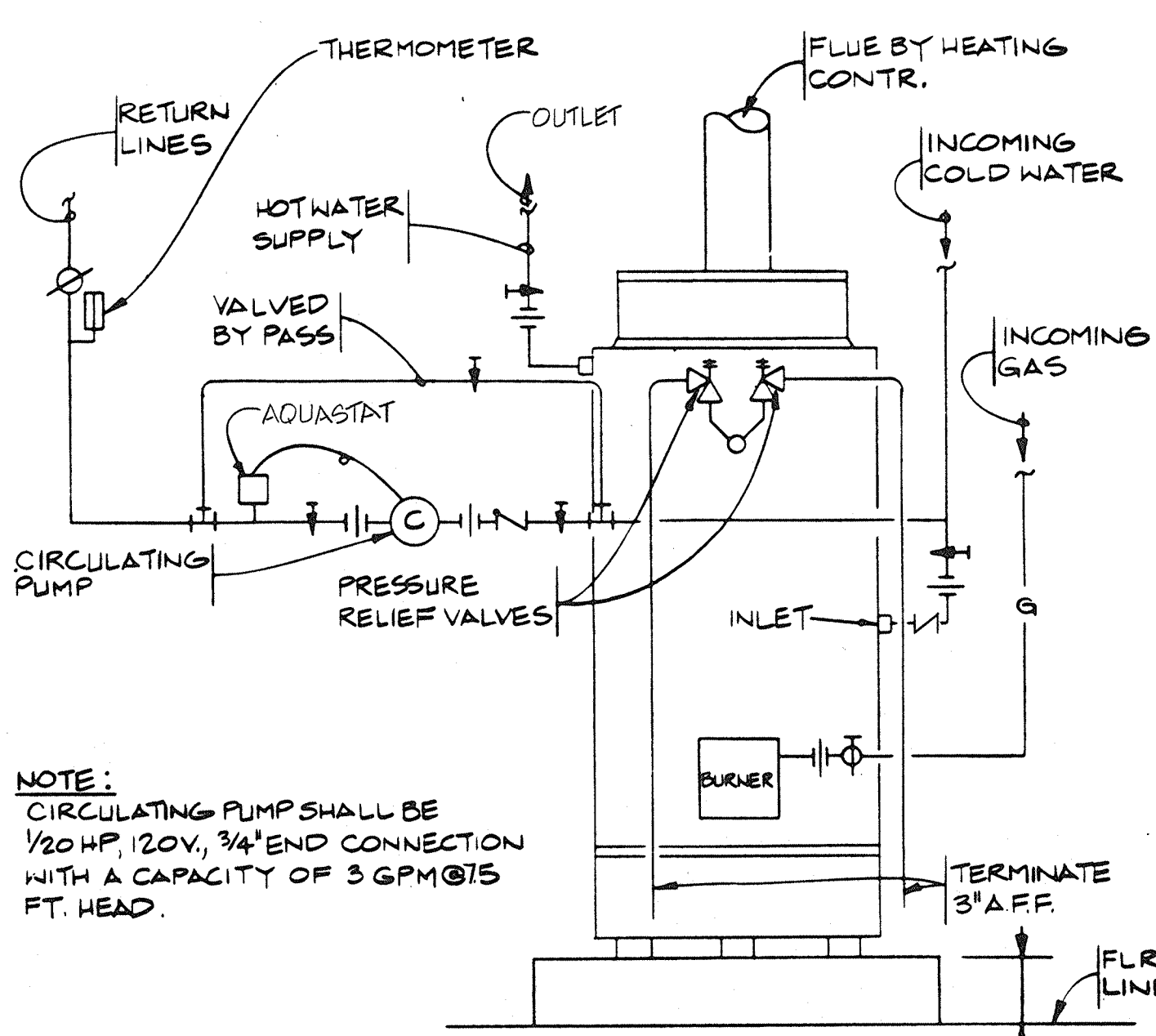
PARTIAL FLOOR PLAN - LAUNDRY

1/4" = 1'-0"
0 1 2 4 ft



UNIT C UPPER FLOOR PLAN

1/4" = 1'-0"
0 1 2 4 ft



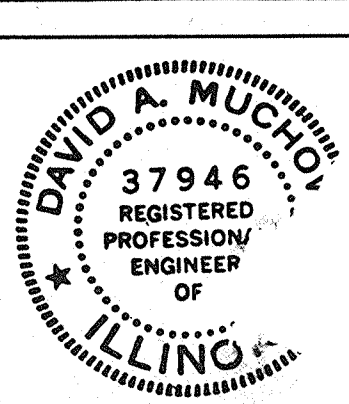
GAS WATER HEATER SCHEMATIC

NO SCALE

REVISIONS		DATE	REMARKS
NO.	DATE	REMARKS	
1	12/3	REVISED PER RECORD DRAWINGS	
2	92		

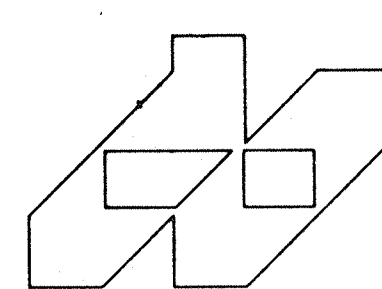
DRAWN	JDE
TRACED	
CHECKED	LSP

PREP.	
APPROV.	
APPROV.	



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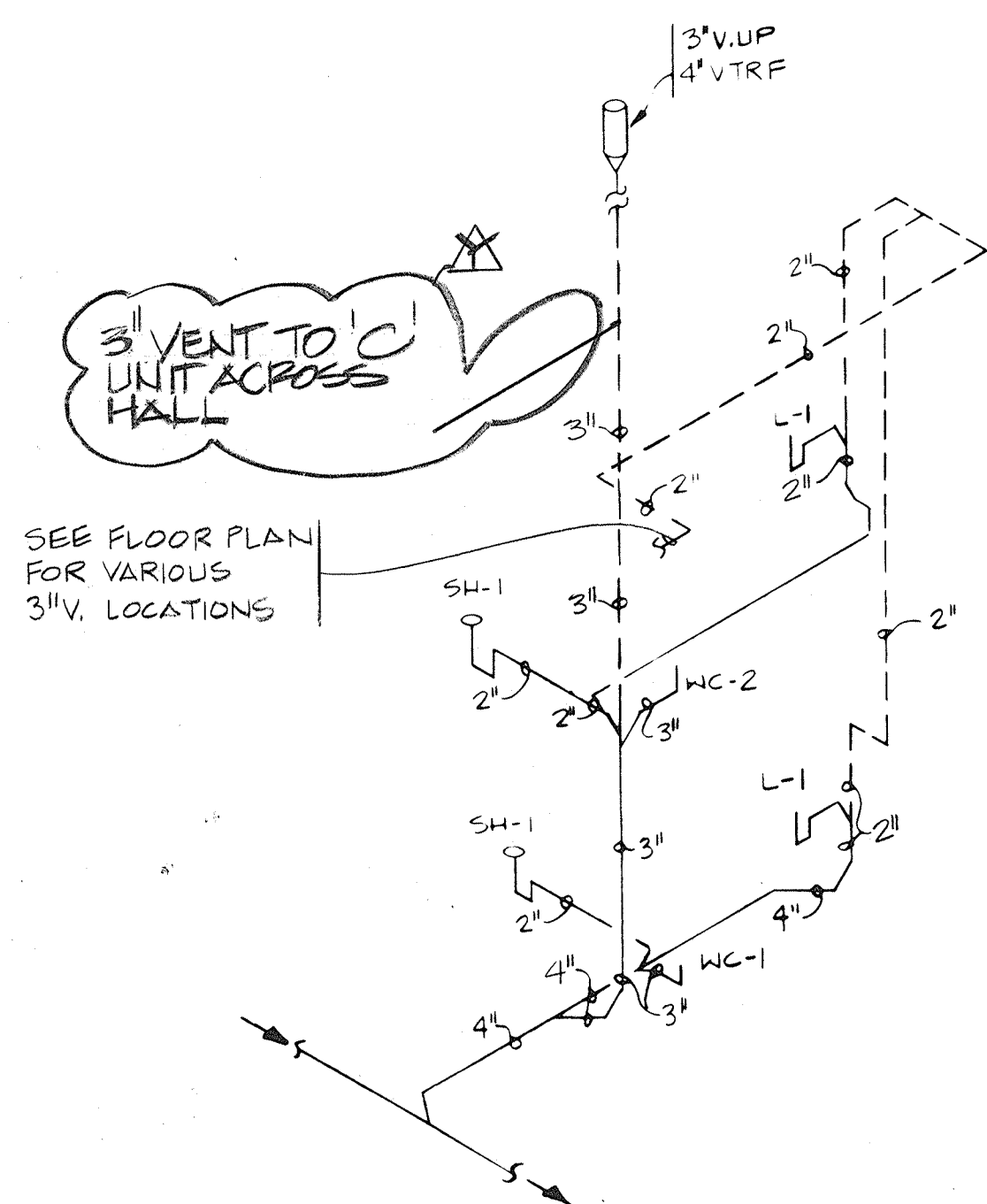


STATE OF ILLINOIS
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C.D.B. PROJECT NUMBER 759-050-001 PH8

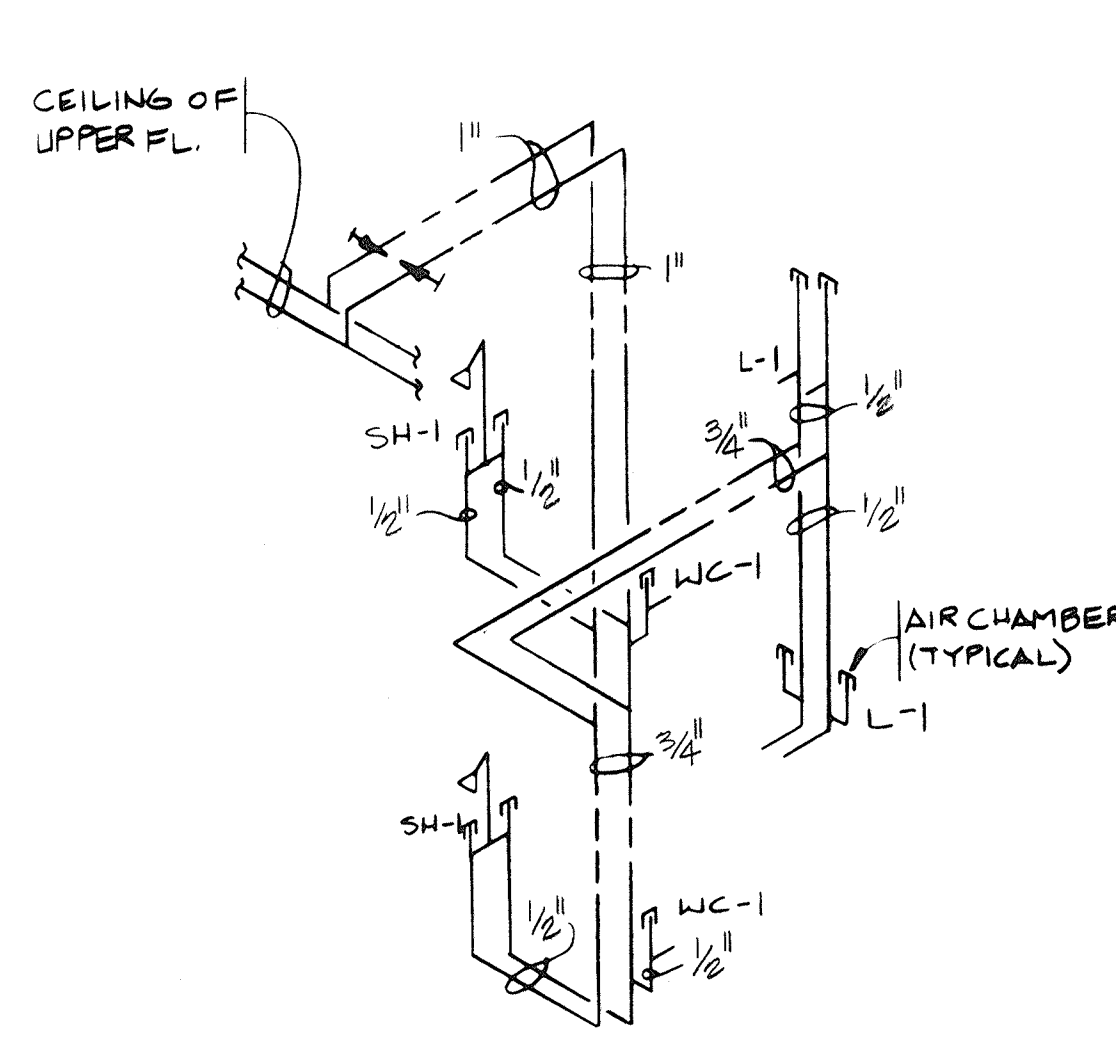
UPPER FLOOR PLAN PLUMBING
ILLINOIS MATHEMATICAL AND SCIENCE ACADEMY
PHASE 8 - STUDENT HOUSING
RANDALL ROAD AND SULLIVAN ROAD
AURORA, ILLINOIS

PROJECT NUMBER 1735.26
DATE 3/30/89
SHEET NUMBER P1.20
OF 4 SHEETS

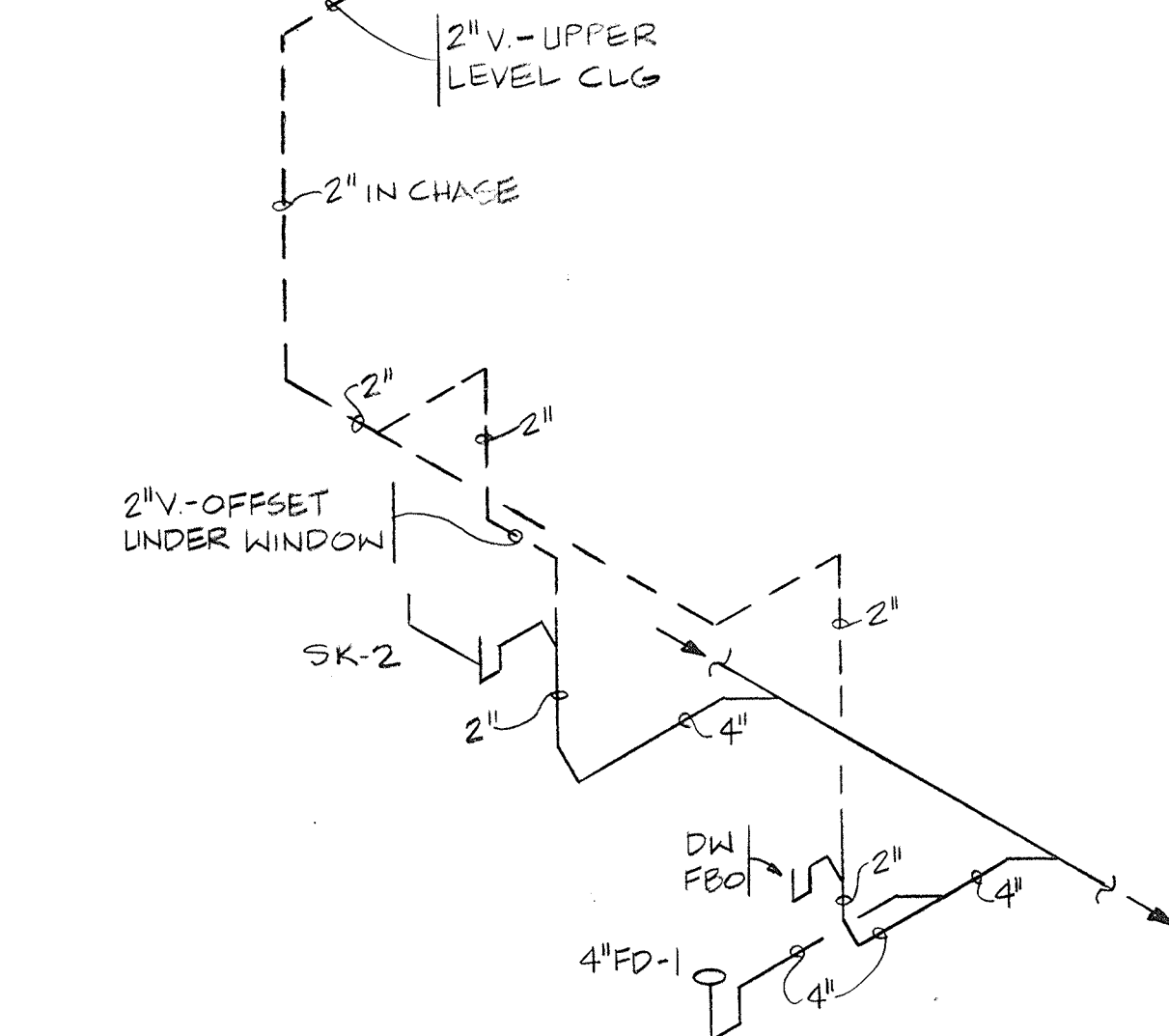
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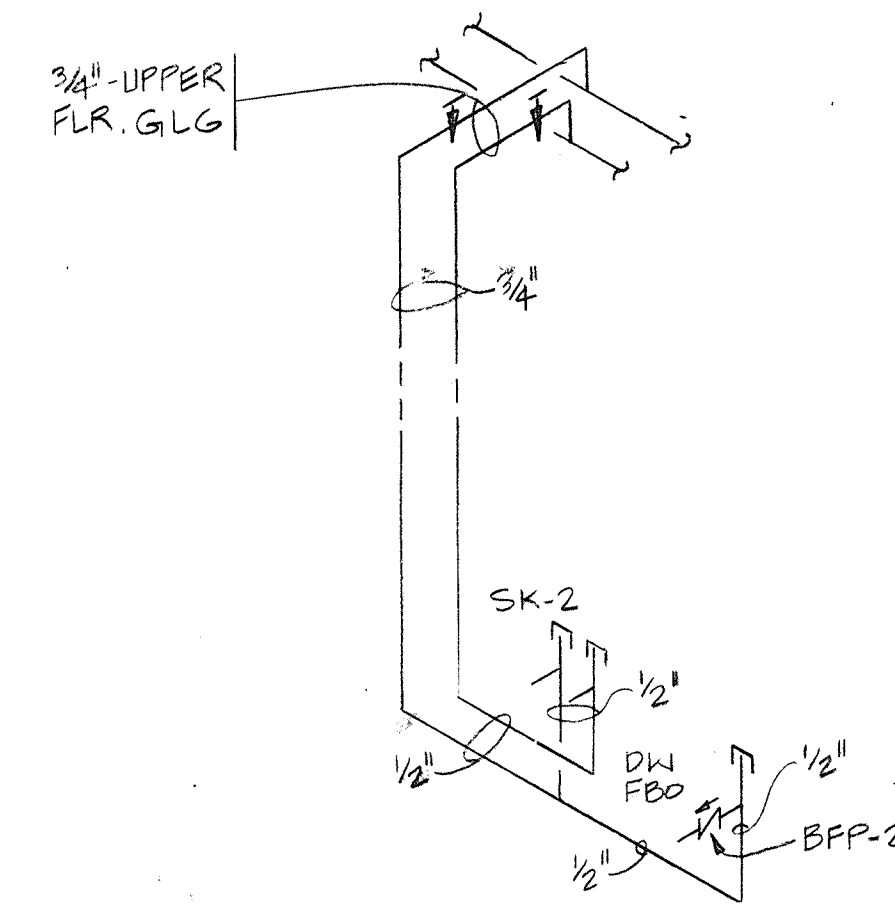
1 WASTE AND VENT RISER DIAGRAM
P2.10 NO SCALE



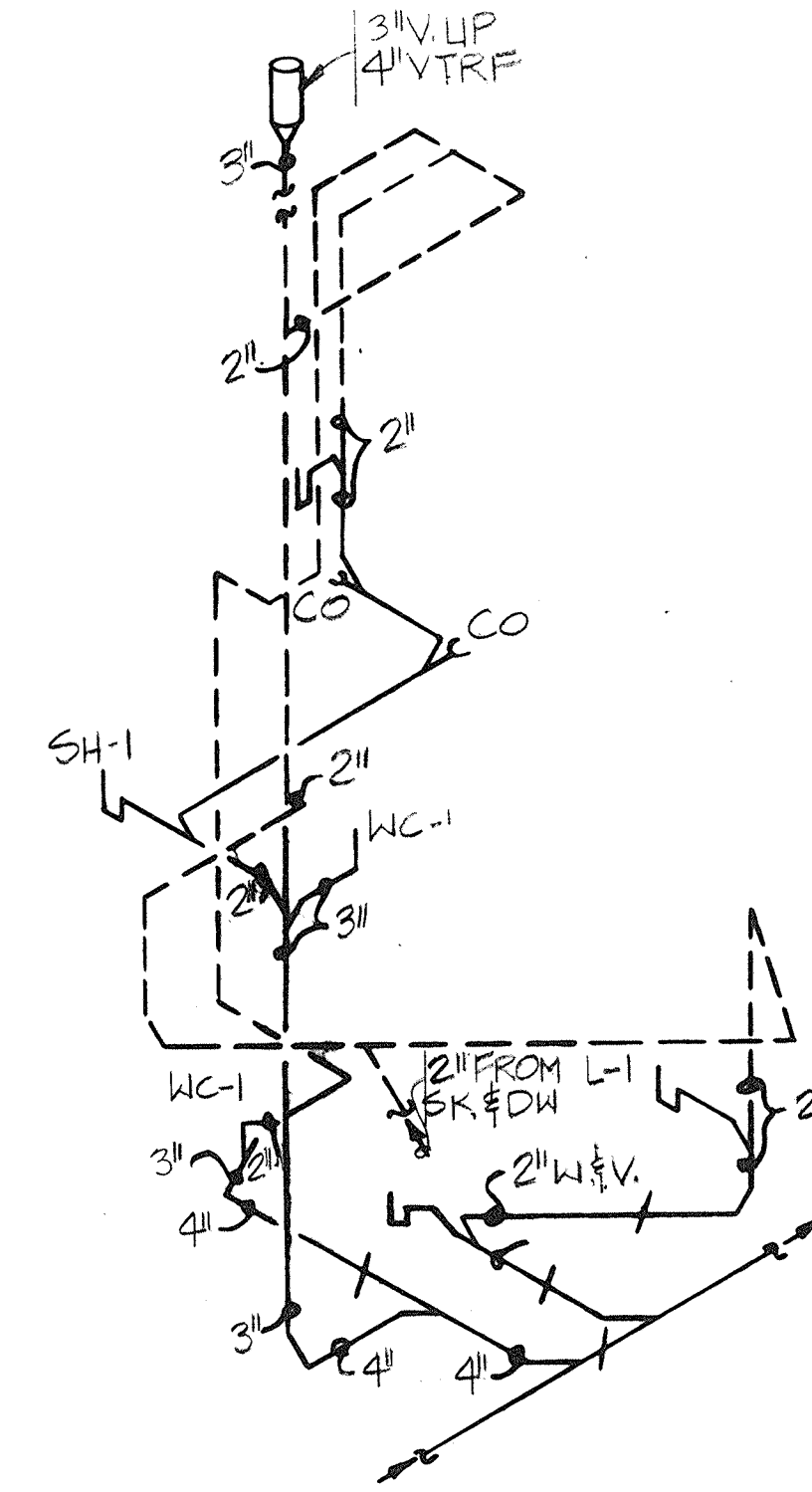
2 WATER RISER DIAGRAM
P2.10 NO SCALE



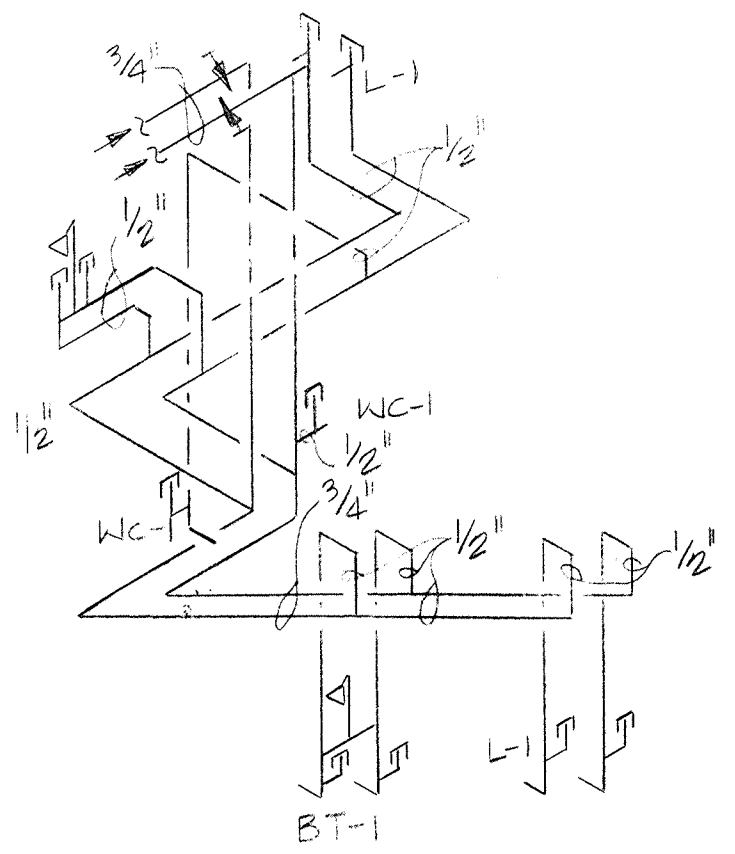
3 WASTE AND VENT RISER DIAGRAM
P2.10 NO SCALE



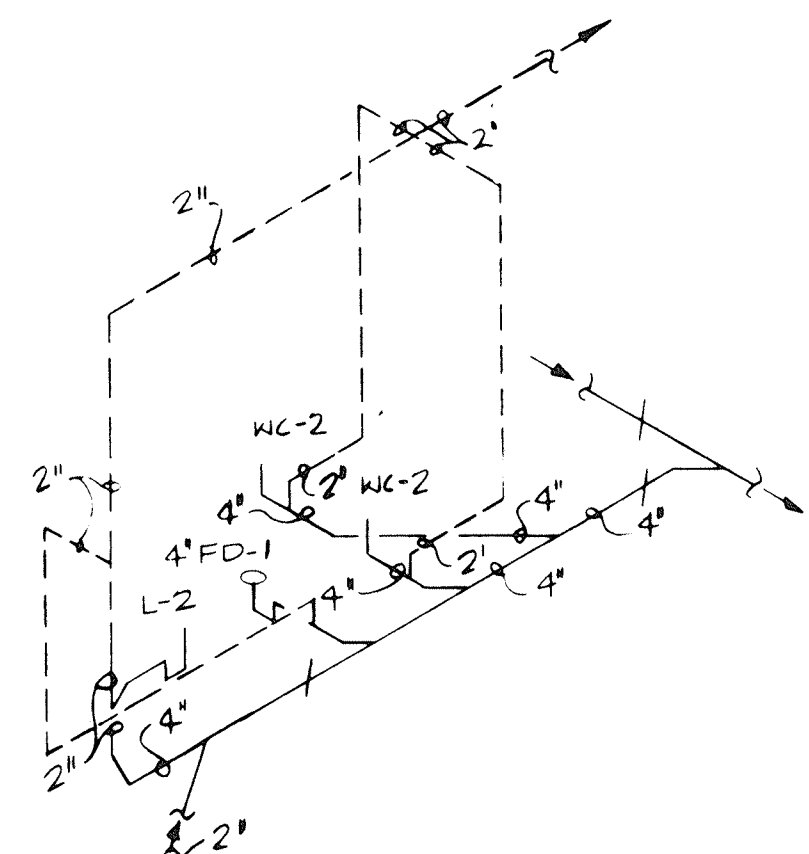
4 WATER RISER DIAGRAM
P2.10 NO SCALE



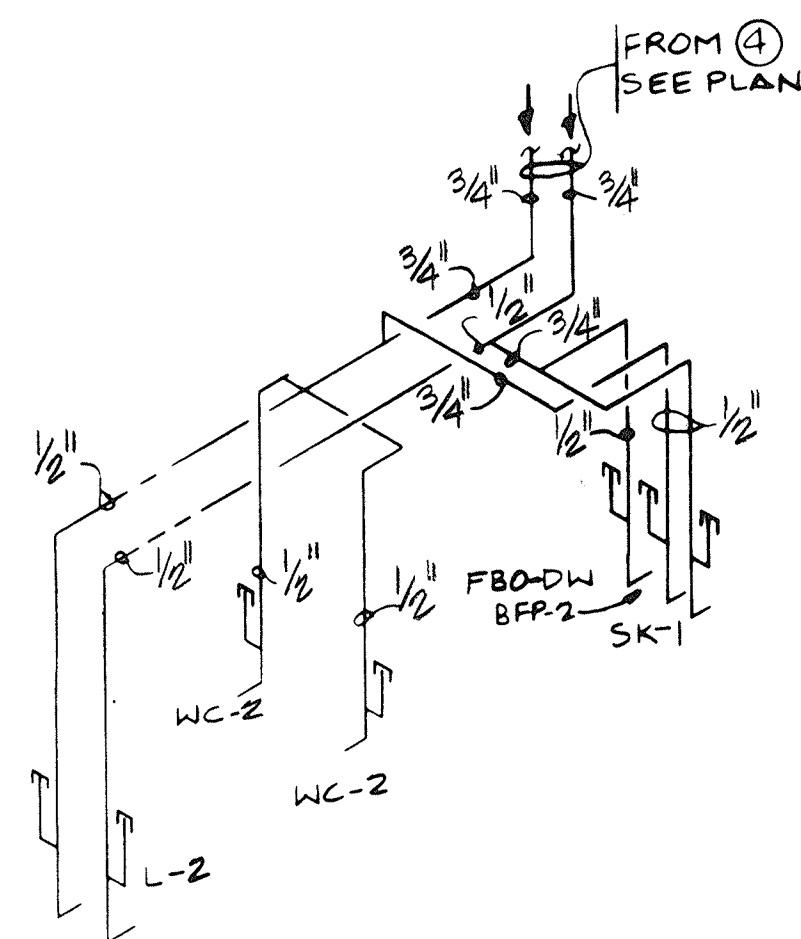
5 WASTE AND VENT RISER DIAGRAM
P2.10 NO SCALE



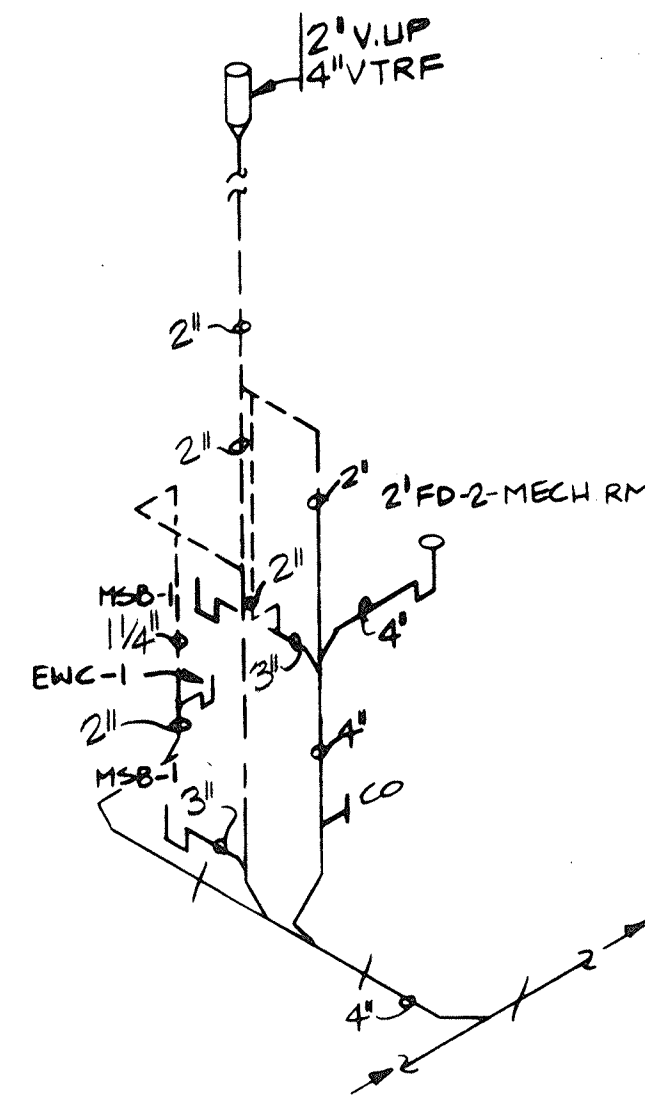
6 WATER RISER DIAGRAM
P2.10 NO SCALE



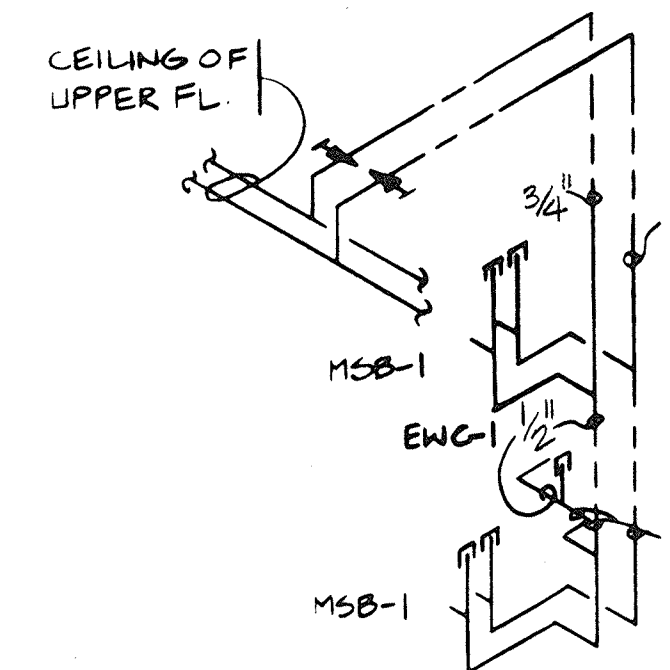
7 WASTE AND VENT RISER DIAGRAM
P2.10 NO SCALE



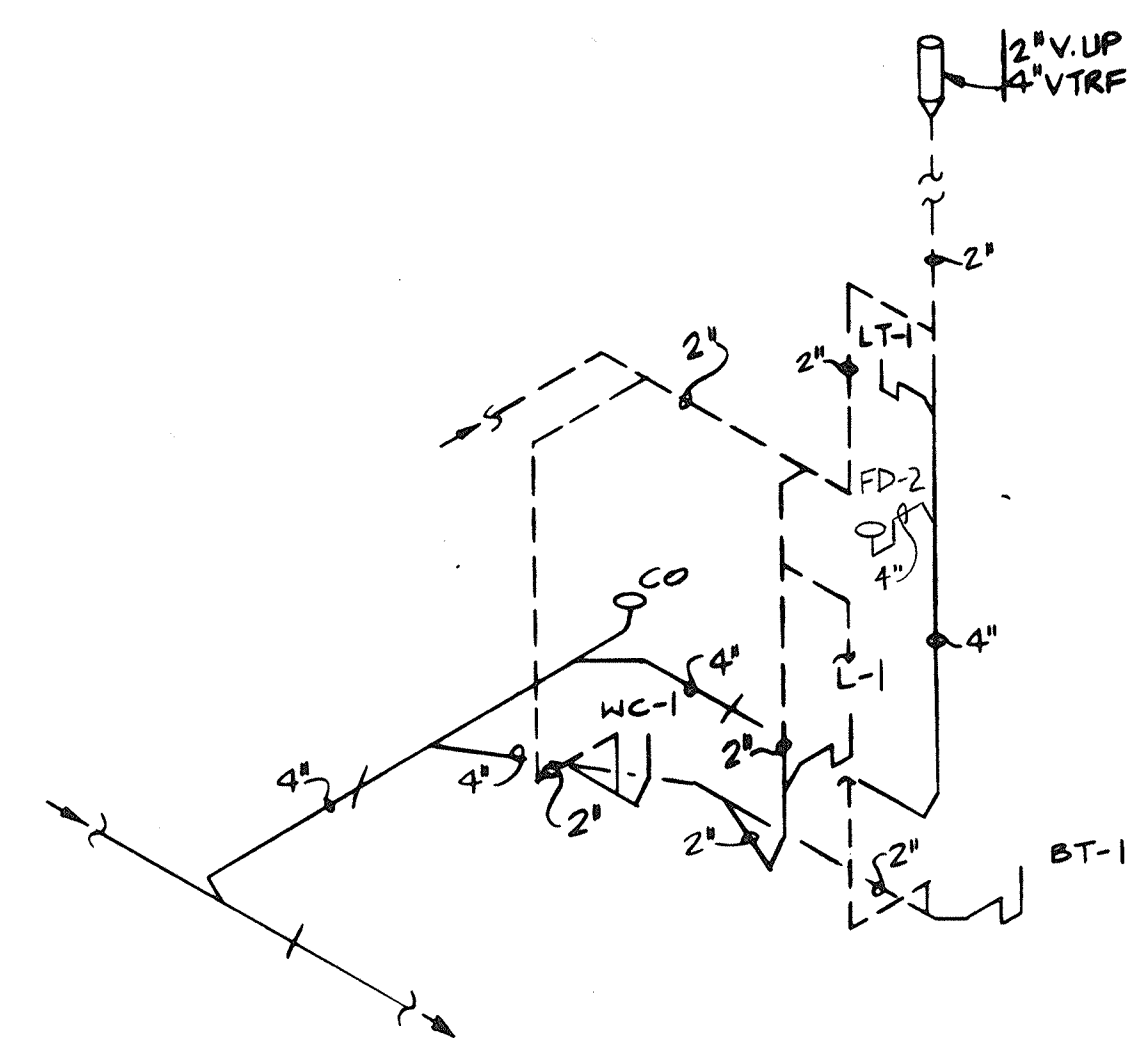
8 WATER RISER DIAGRAM
P2.10 NO SCALE



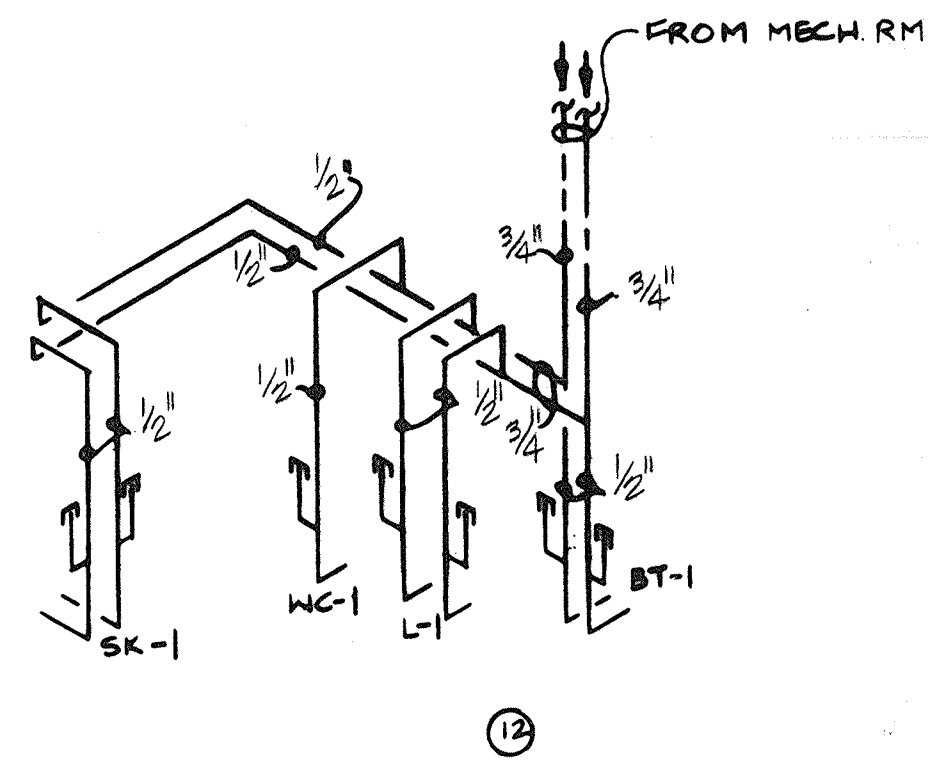
9 WASTE AND VENT RISER DIAGRAM
P2.10 NO SCALE



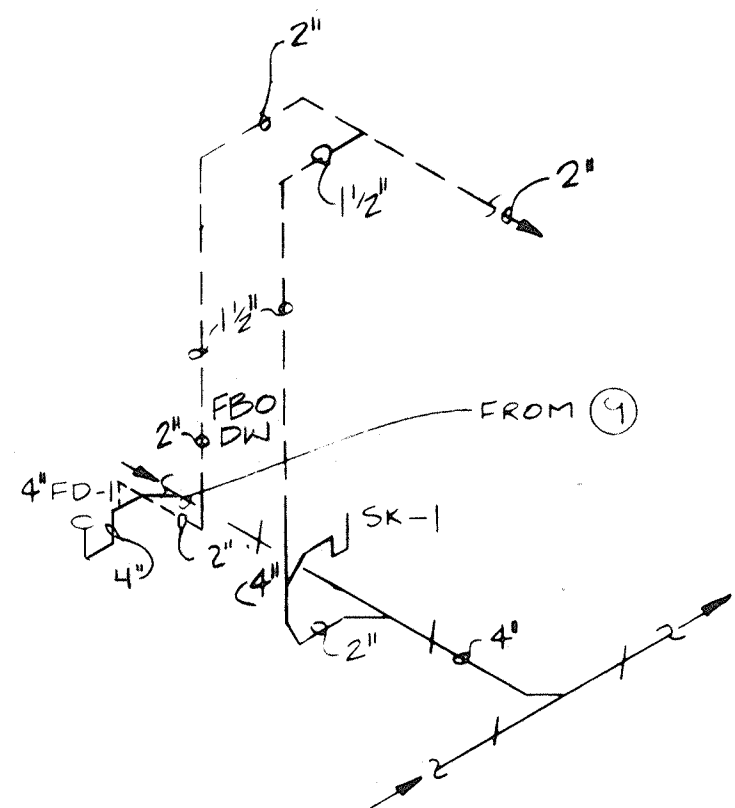
10 WATER RISER DIAGRAM
P2.10 NO SCALE



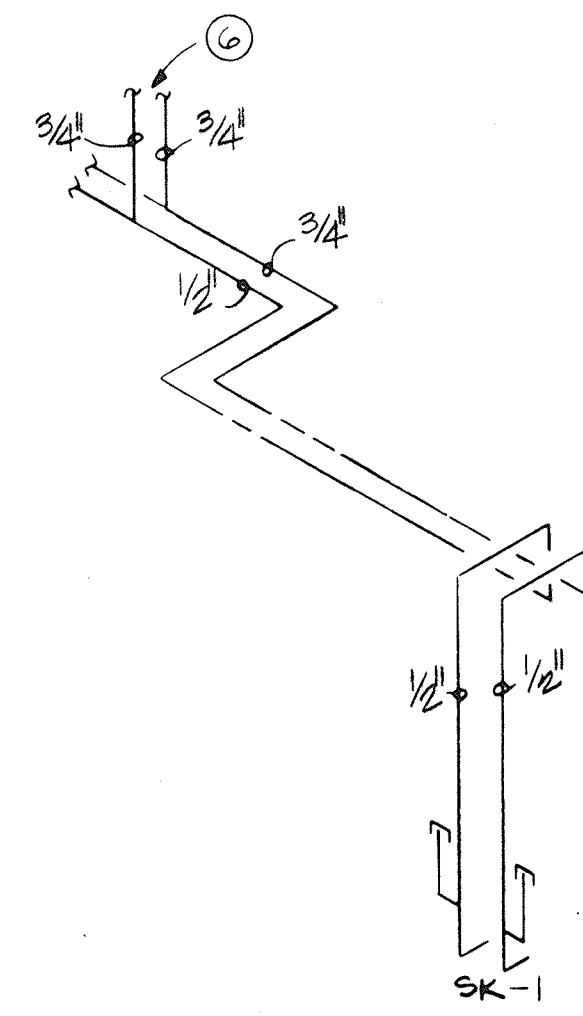
11 WASTE AND VENT RISER DIAGRAM
P2.10 NO SCALE



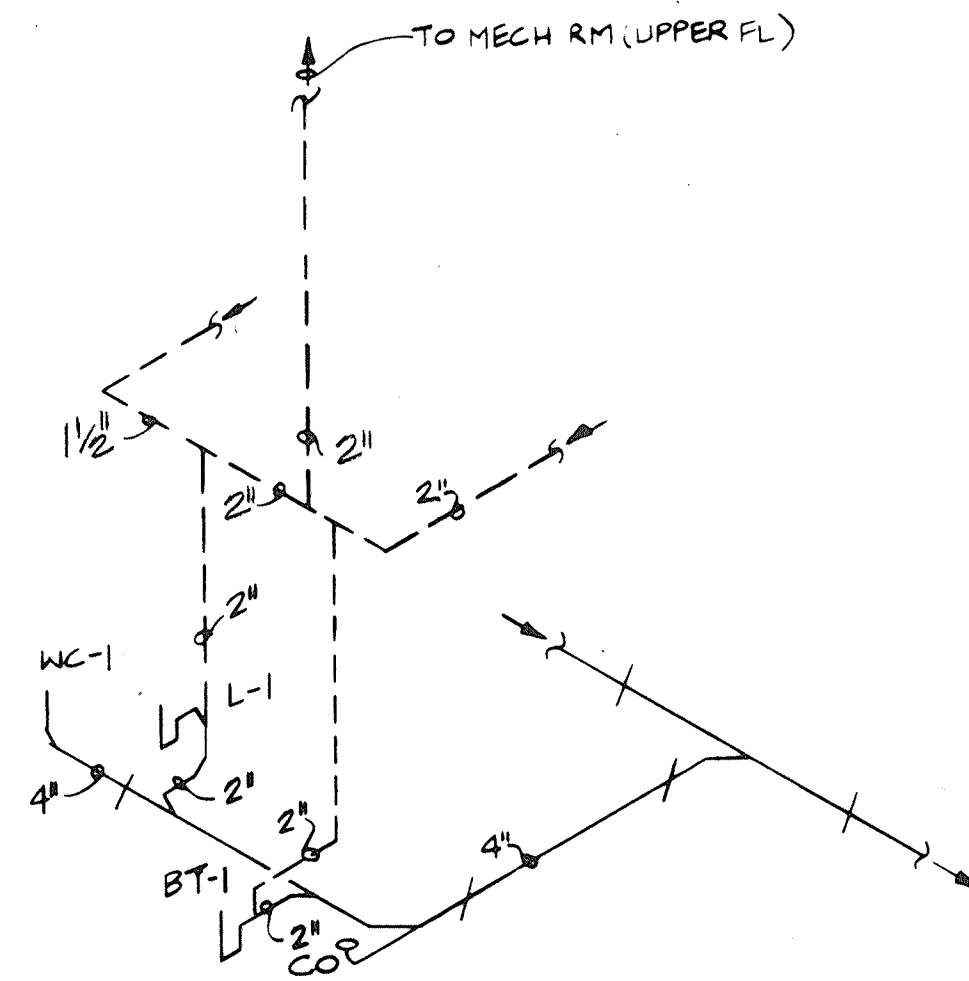
12 WATER RISER DIAGRAM
P2.10 NO SCALE



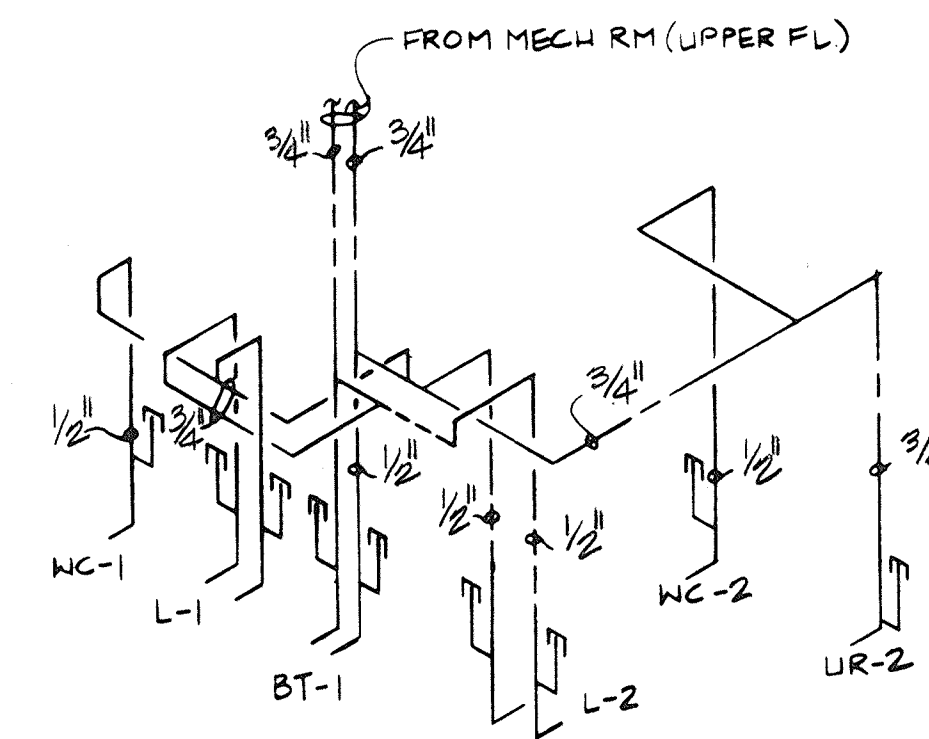
13 WASTE AND VENT RISER DIAGRAM
P2.10 NO SCALE



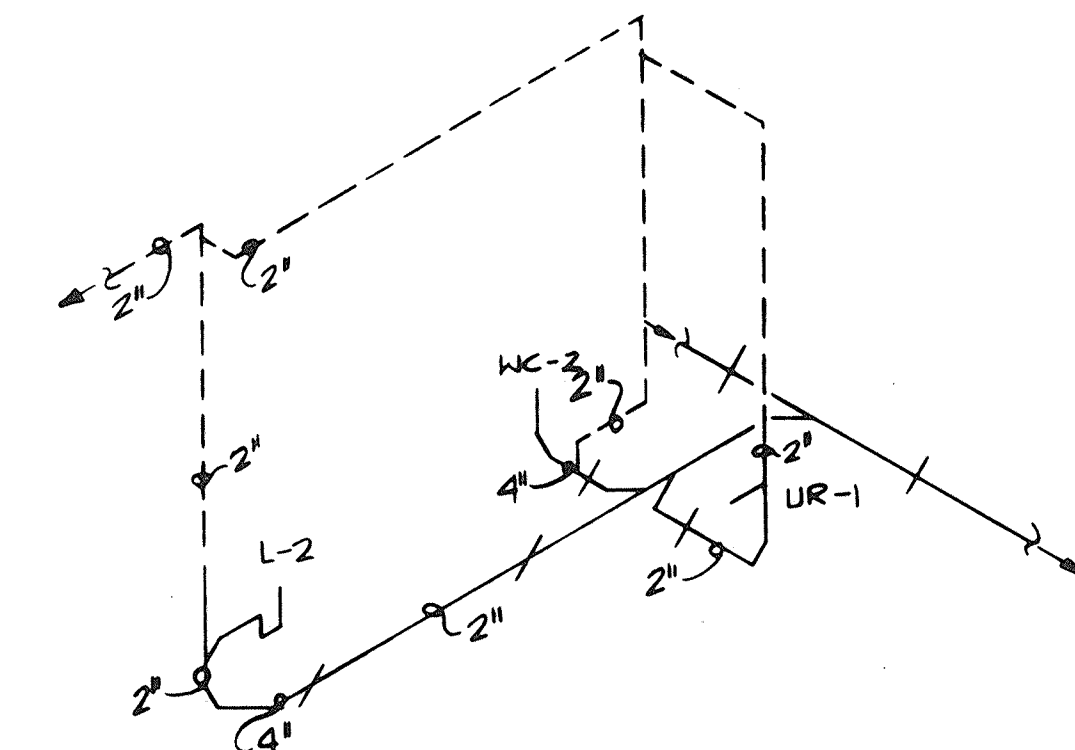
14 WATER RISER DIAGRAM
P2.10 NO SCALE



15 WASTE AND VENT RISER DIAGRAM
P2.10 NO SCALE



16 WATER RISER DIAGRAM
P2.10 NO SCALE



17 WASTE AND VENT RISER DIAGRAM
P2.10 NO SCALE

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NO.	DATE	REMARKS
1	12/3/92	REVISED PER RECORD DRAWINGS

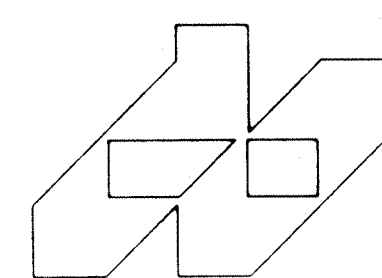
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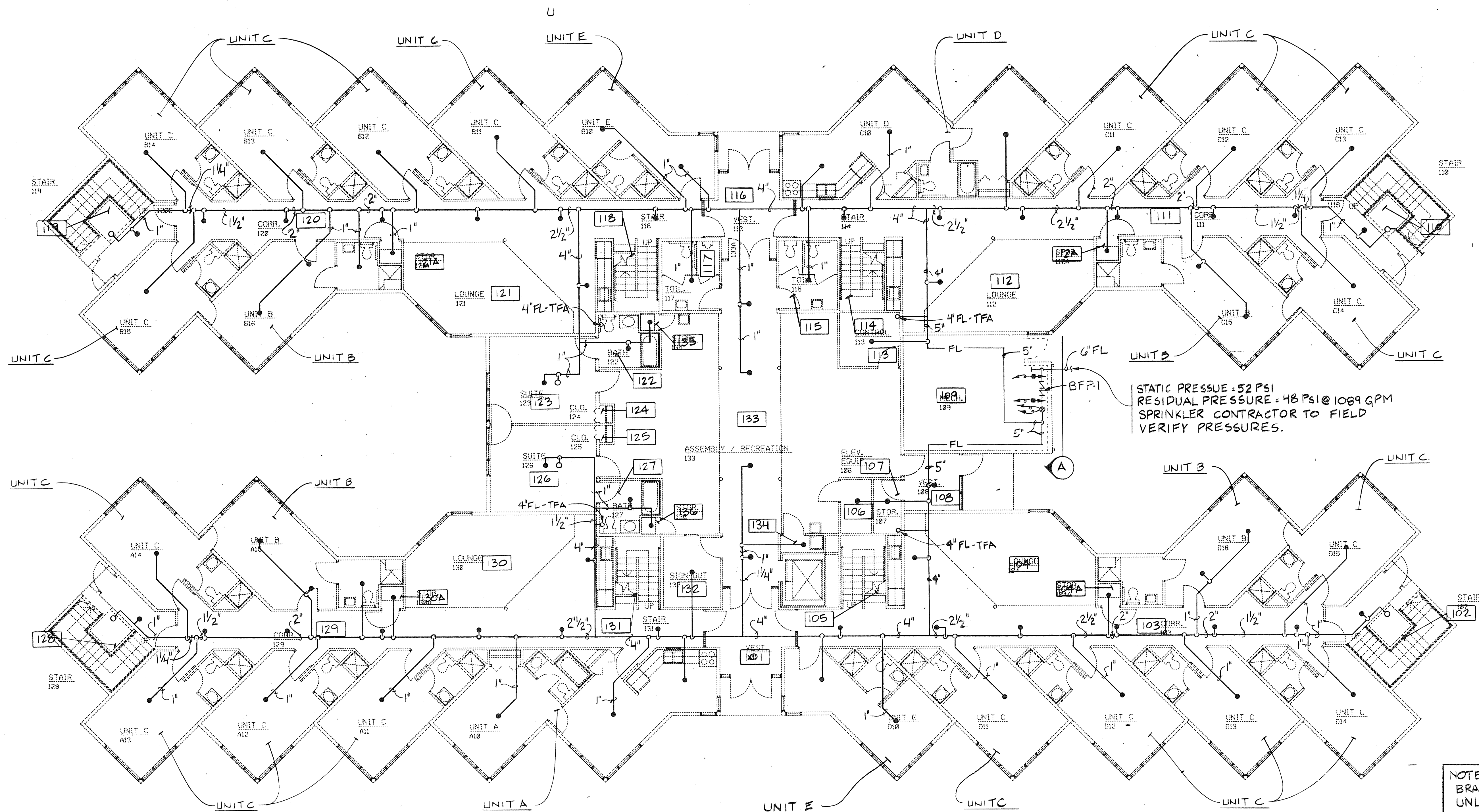


STATE OF ILLINOIS
CAPITAL DEVELOPMENT BOARD
C.D.B. PROJECT NUMBER 759-050-001 PH8

RISER DIAGRAMS

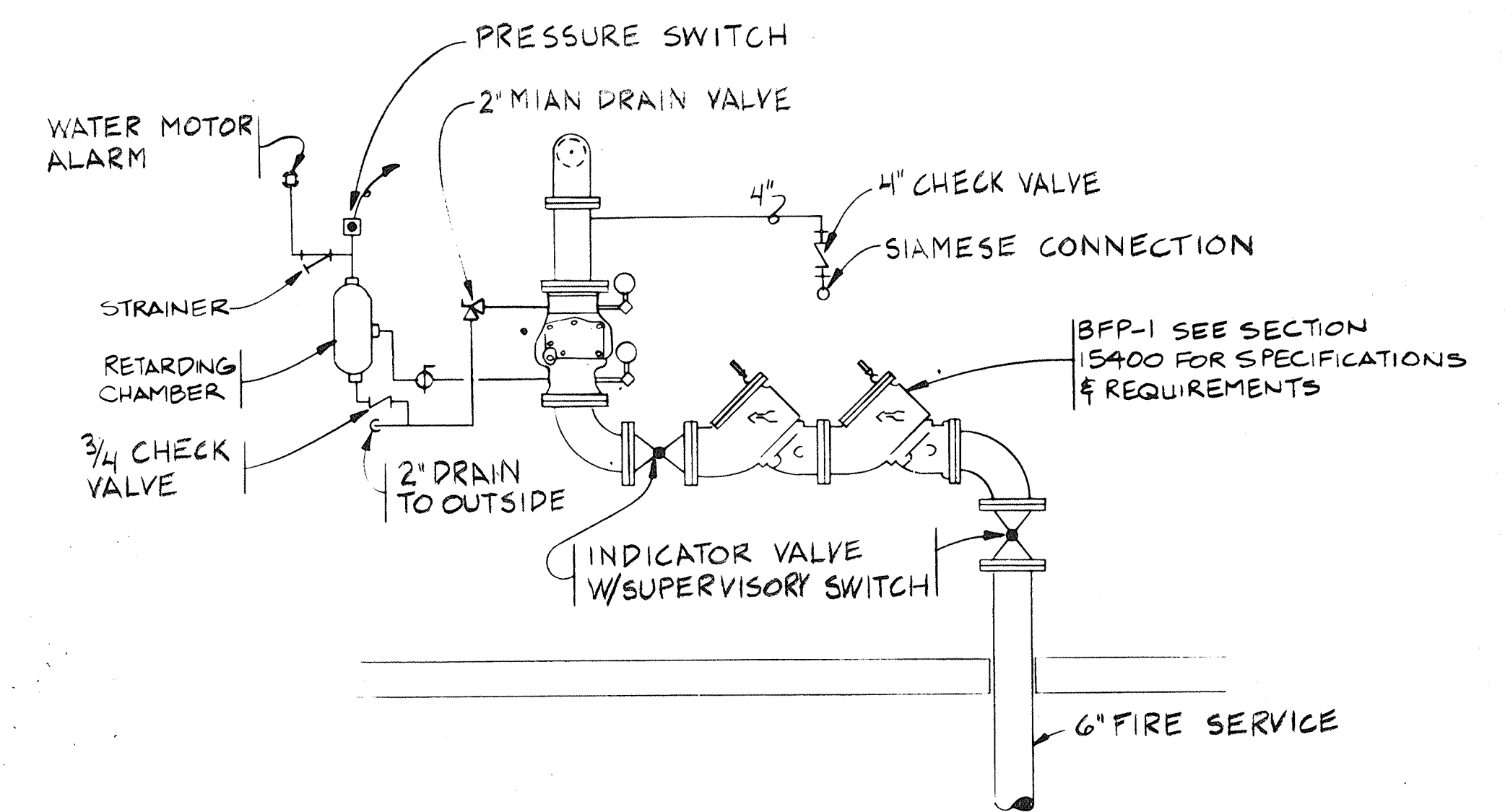
ILLINOIS MATHEMATICS AND SCIENCE ACADEMY
PHASE 8 - STUDENT HOUSING
RANDALL ROAD AND SULLIVAN ROAD
AURORA, ILLINOIS

PROJECT NUMBER
1735.26
DATE
3.30.89
SHEET NUMBER
P2.10
OF 4 SHEETS



MAIN FLOOR PLAN

1/8" = 1'-0"

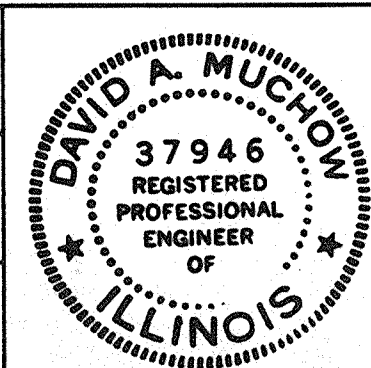


SECTION A
NTS

ROOM NUMBER	ROOM NAME
101	VEST.
102	STAIR
103	CORR.
104	LOUNGE
104A	STAIR
105	STAIR
106	ELEV. EQUIP.
107	STOR.
108	VEST.
109	MECH.
110	STAIR
111	CORR.
112	LOUNGE
112A	STOR.
113	CONTROL
114	STAIR
115	TOIL.
116	VEST.
117	TOIL.
118	STAIR
119	STAIR
120	CORR.
121	LOUNGE
121A	STOR.
122	BATH
123	SUITE
124	CLO.
125	CLO.
126	SUITE
127	BATH
128	STAIR
129	CORR.
130	LOUNGE
130A	STOR.
131	STAIR
132	PRACTICE
133	ASSEMBLY/RECREATION
134	JAN. CL.
135	STOR.
136	STOR.
201	VEST.
202	CORR.
202A	STOR.
203	STUDY ROOM
204	JAN. CLO.
205	MECH.
206	CORR.
206A	STOR.
207	STUDY ROOM
208	MECH.
209	COUNS/PROCT
210	VEST.
211	CORR.
211A	STOR.
212	STUDY ROOM
213	LAUNDRY
214	MECH.
215	CORR.
215A	STOR.
216	STUDY ROOM
217	LAUNDRY
218	MECH.
219	BRIDGE
A101	KITCHEN
A102	LIVING/DINING
A103	HALL
A104	CLO.
A105	BATH
A106	BEDROOM
A107	CLO.
B101	LIVING AREA
B102	TOILET
C101	LIVING AREA
C102	TOILET

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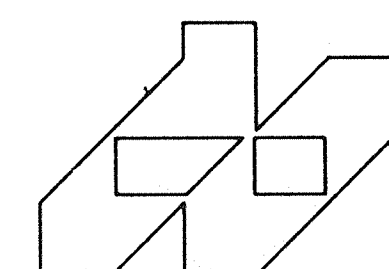
REVISIONS				DRAWN	PREP.
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1	12/3/92	REVISED PER RECORD DRAWINGS		TRACED	APROV.
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STATE OF ILLINOIS
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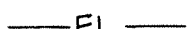
MAIN FLOOR PLAN FIRE PROTECTION

ILLINOIS MATHEMATICAL AND SCIENCE ACADEMY
PHASE 8 - STUDENT HOUSING
RANDALL ROAD AND SULLIVAN ROAD
AURORA, ILLINOIS

PROJECT NUMBER
1735.26
DATE
3-30-89
SHEET NUMBER
FP1.10
OF 2 SHEETS

1/8" = 1'-0"





0 4 8 ft

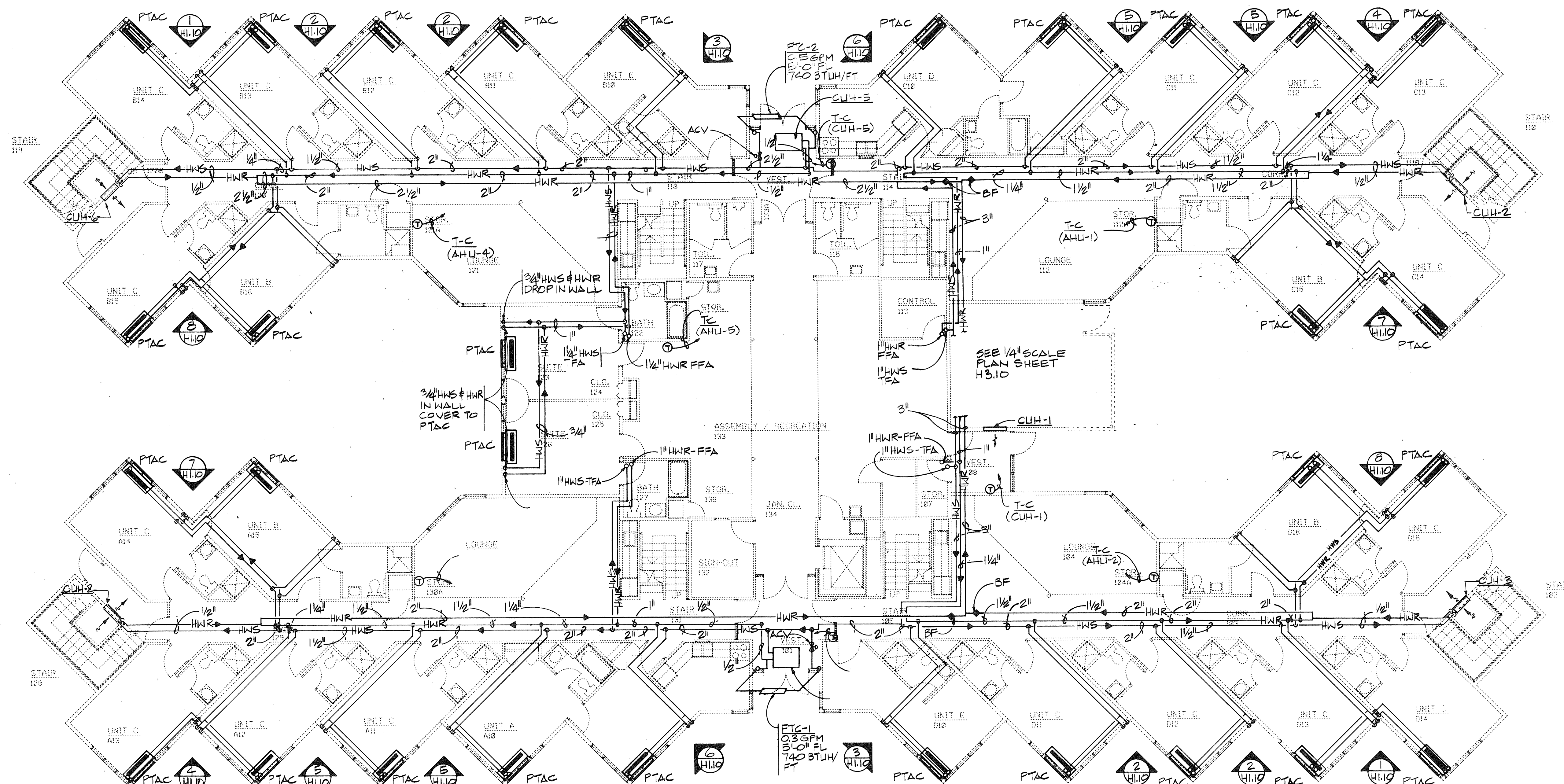
<u>STANDARD LINE SYMBOLS - FIRE PROTECTION</u>	
	SPRINKLER - PENDANT RECESSED
	SPRINKLER - UPRIGHT
	FIRE PROTECTION WATER SUPPLY (EXTERIOR)
	SUPERVISED GATE VALVE
	FIRE LINE
FFA	FROM FLOOR ABOVE
FFB	FROM FLOOR BELOW

NOTES:

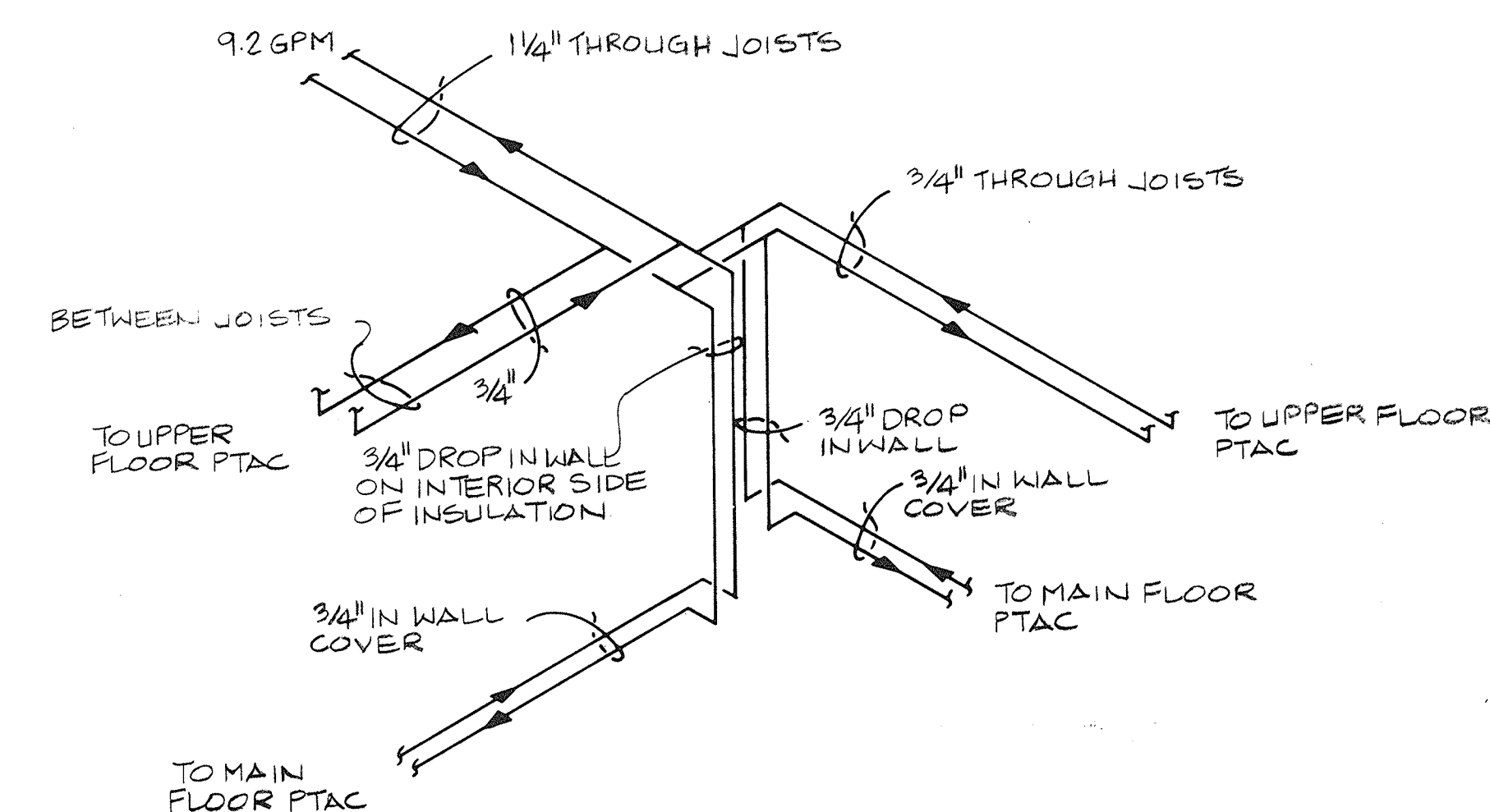
1. SPRINKLER LINES IN HIGH CEILING AREA SHALL BE ABOVE CEILING AND BELOW 10" DUCT SPACING. SPRINKLER LINES SIMILAR TO SHOW SUCH THAT ALL LINES SHALL DRAIN. OPENINGS IN RAFTERS FOR RUNS PERPENDICULAR TO RAFTERS SHALL BE COORDINATED WITH RAFTERS MANUFACTURER, SEE DETAIL 9(A1.80).
2. PROVIDE UPRIGHT HEADS AND SPRINKLER PIPING IN ATTIC SPACE AS REQUIRED FOLLOWING SLOPE OF ROOF.
3. INSTALL SPRINKLER PIPING INSIDE OF 16" Ø DUCT PROVIDED BY THE GENERAL CONTRACTOR ACROSS THE CORRIDOR.

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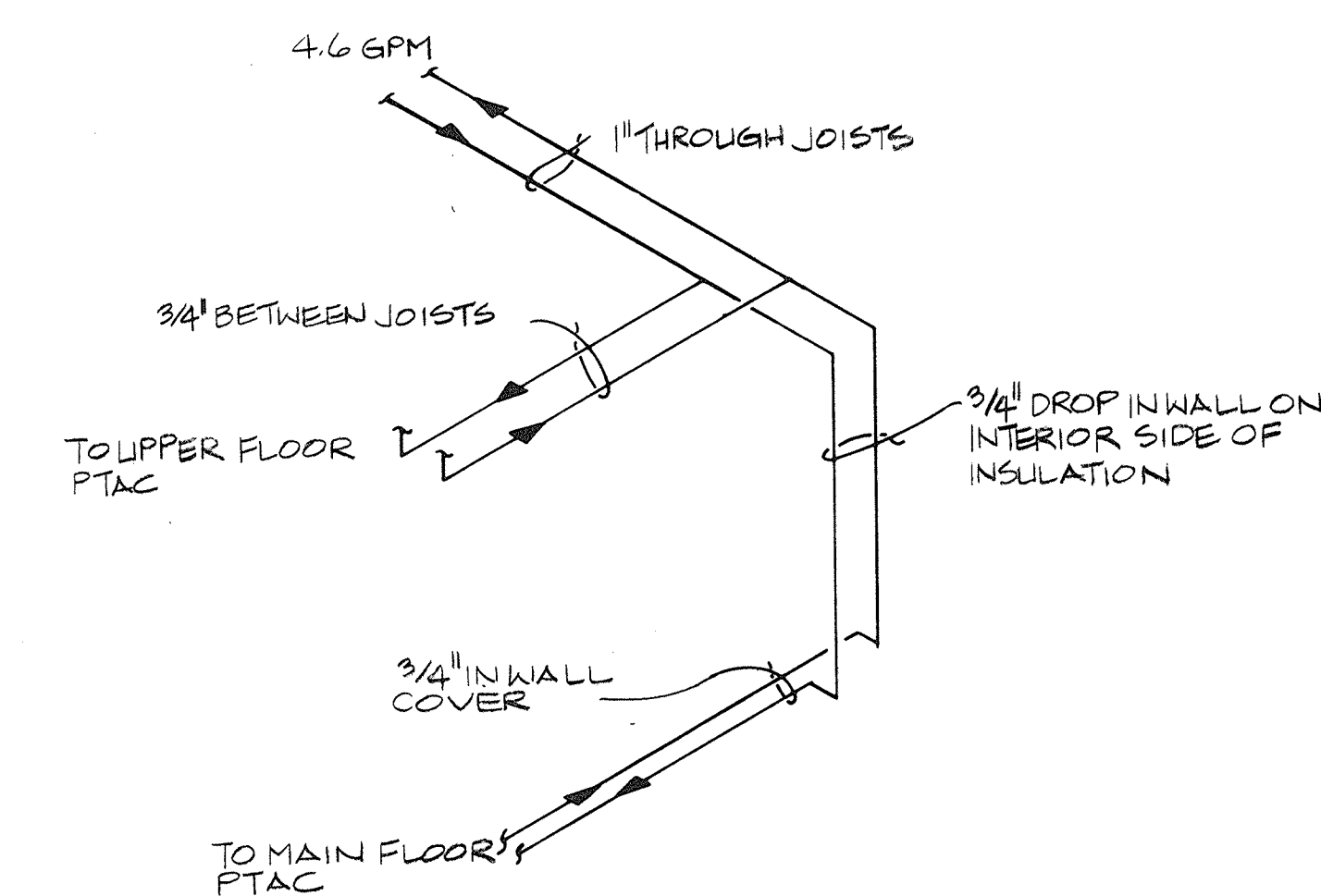
REVISIONS			DRAWN	PREP.			Architects Engineers Planners	1771 W. Dickl Road Naperville, Illinois 60540 (312) 983-5445		STATE OF ILLINOIS CAPITAL DEVELOPMENT BOARD C.D.B. PROJECT NUMBER 759-050-001 PH 8	UPPER FLOOR PLAN FIRE PROTECTION		PROJECT NUMBER 1735.26				
NO.	DATE	REMARKS	JDE													DATE 3-30-89	
	12/3/92	REVISED PER RECORD DRAWINGS	TRACED	APROV.													SHEET NUMBER FP1.20
																	OF 2 SHEETS
			CHECKED	APROV.													
			LSP														



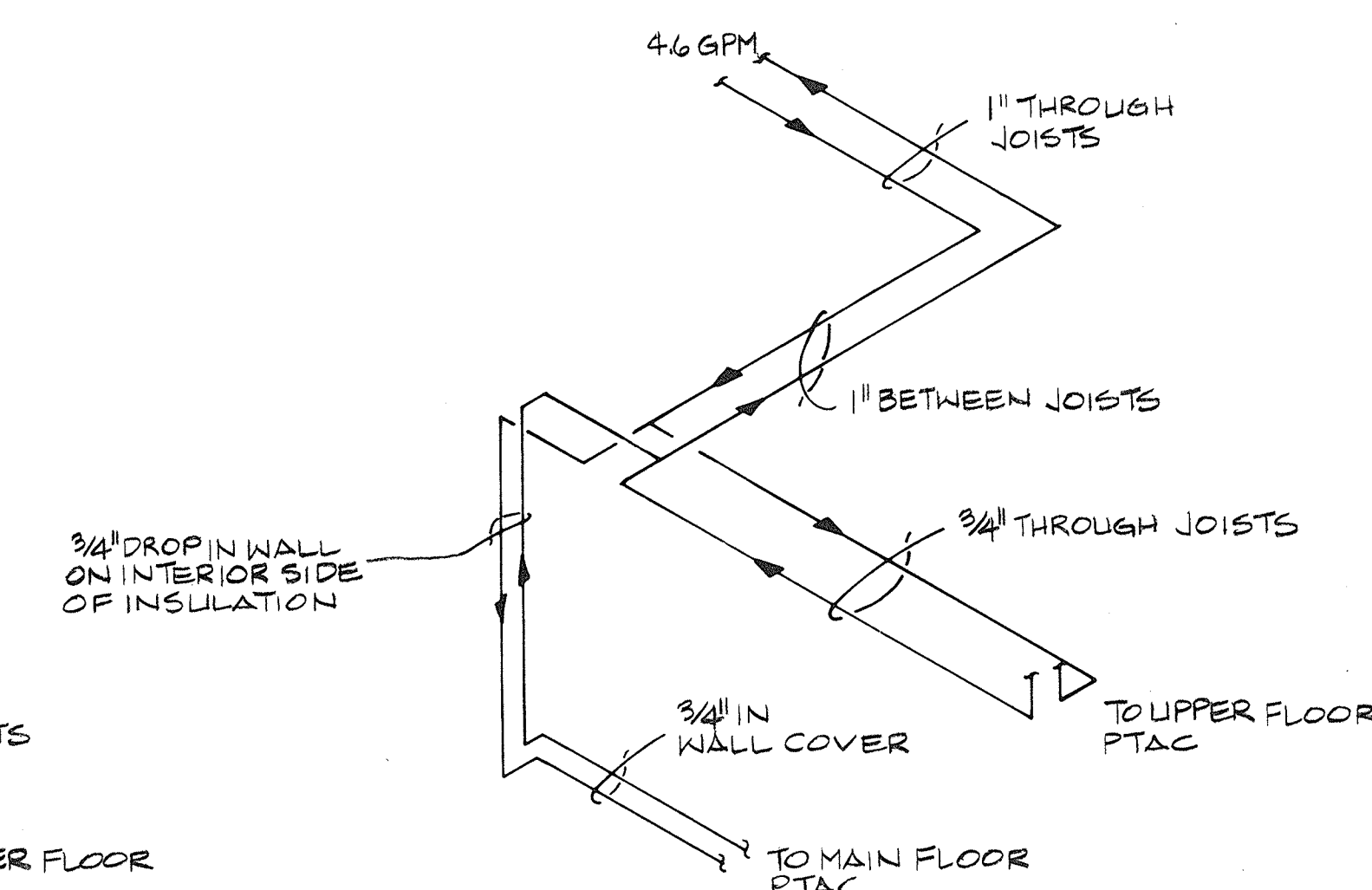
MAIN FLOOR PLAN
SCALE: 1/8"=1'-0"



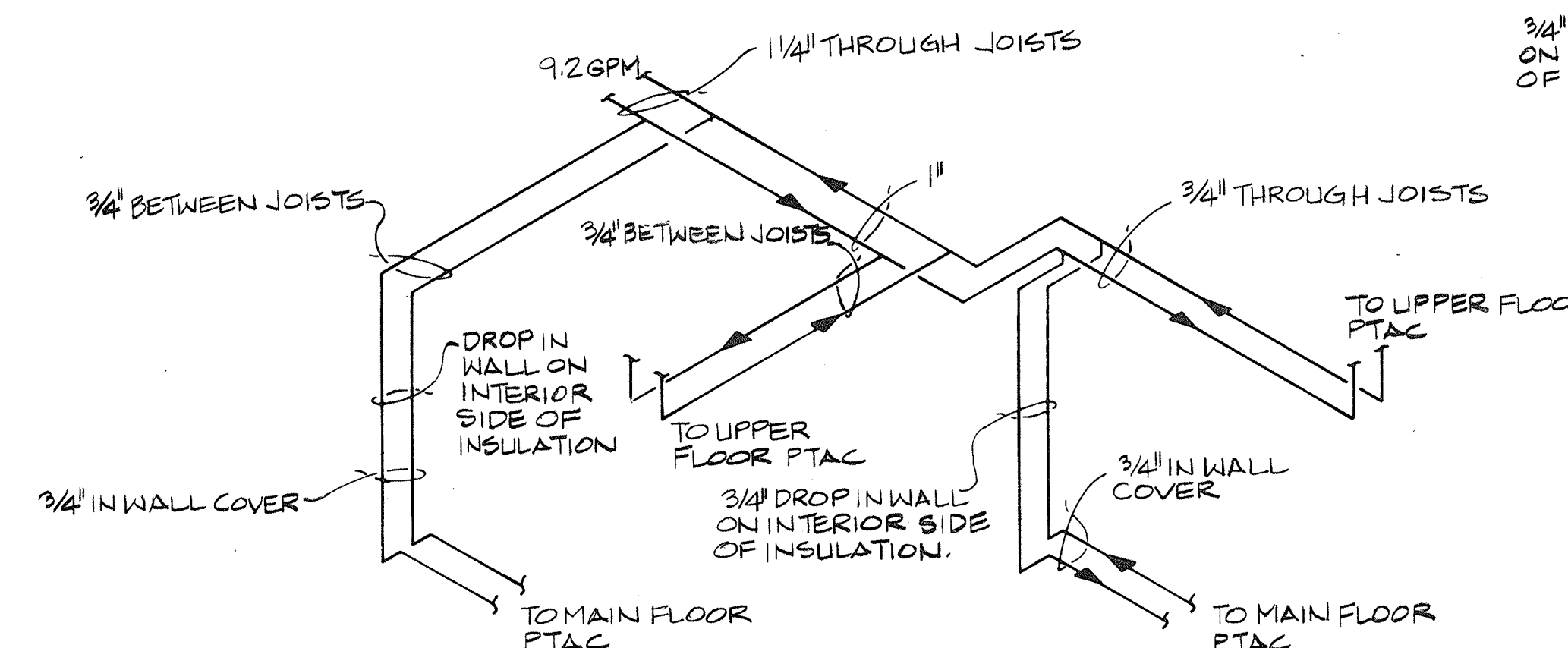
1 HWS & HWR PIPING SCHEMATIC
NO SCALE
SIMILAR



2 HWS & HWR PIPING SCHEMATIC
NO SCALE
SIMILAR



3 HWS & HWR PIPING SCHEMATIC
NO SCALE
SIMILAR



4 HWS & HWR PIPING SCHEMATIC
NO SCALE
SIMILAR

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REVISIONS				DRAWN	PREP.	APPROV.	CHECKED	DATE	REMARKS	PROJECT NUMBER	DATE	SHEET NUMBER
NO.	DATE	REVISIONS	RECORD DRAWINGS									
1	12/3/92	REVISED PER RECORD DRAWINGS		DRH		APPROV.				1735.26	3-30-89	H 1.10
												OF 7 SHEETS

DAVID A. MUCKOY
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

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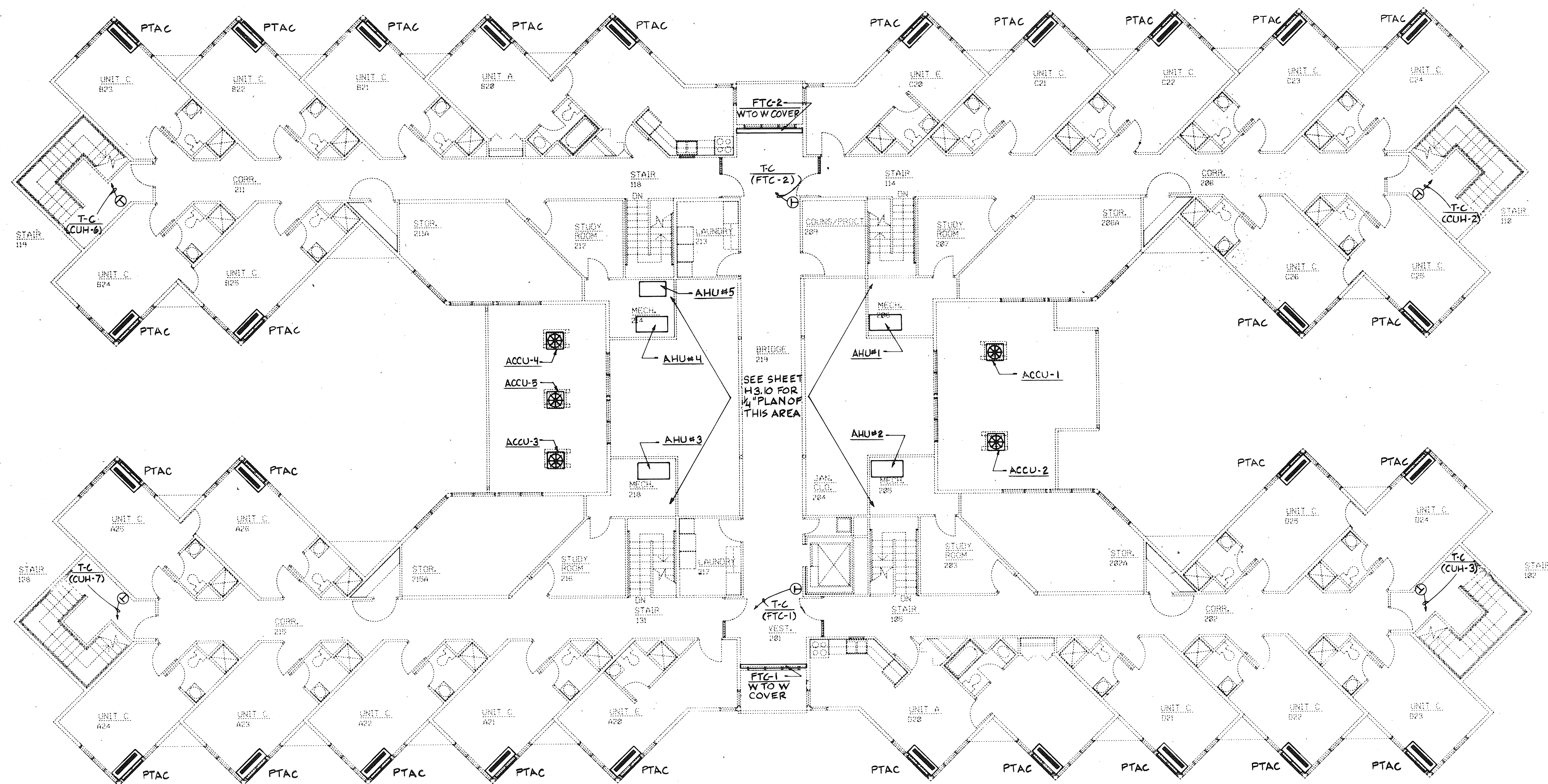
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STATE OF ILLINOIS

CAPITAL DEVELOPMENT BOARD
C.D.B. PROJECT NUMBER 759-050-001 PH8

MAIN FLOOR PLAN HEATING
ILLINOIS MATHEMATICS AND SCIENCE ACADEMY
PHASE 8 - STUDENT HOUSING
RANDALL ROAD AND SULLIVAN ROAD
AURORA, ILLINOIS



UPPER FLOOR PLAN
SCALE: 1/8"=1'-0"

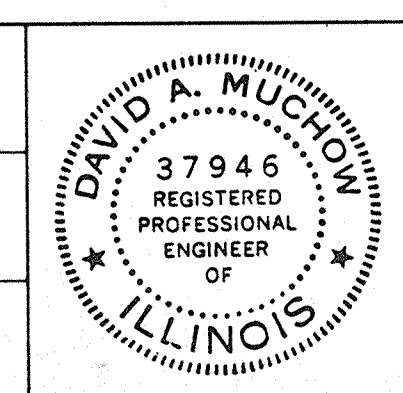
HEATING SYMBOLS	
	GATE VALVE
	GLOBE VALVE
	CHECK VALVE
	TWO WAY CONTROL VALVE
	THREE WAY CONTROL VALVE
	BALANCING FITTING
	UNION
	HWR - HOT WATER RETURN
	HWS - HOT WATER SUPPLY
	STRAINER
	PIPE ELBOW UP
	PIPE ELBOW DOWN
	THERMOSTAT

ABBREVIATIONS			
ACCU	AIR COOLED CONDENSING UNIT	LWT	LEAVING WATER TEMPERATURE
ACV	AUTOMATIC CONTROL VALVE	MBH	ONE THOUSAND BTU'S
AD	ACCESS DOOR	MOD	MOTOR OPERATED DAMPER
AP	ACCESS PANEL	OD.A	OUTDOOR AIR
AHU	AIR HANDLING UNIT	OD.D	OUTDOOR AIR DUCT
AV-M	AIR VENT - MANUAL	PMP	PIPE MOUNTED CIRCULATING PUMP
BF	BALANCING FITTING	PSI	POUNDS PER SQUARE INCH
BH.P.	BRAKE HORSEPOWER	PTAC	PACKAGED TERMINAL AIRCONDITIONER
BV	BALANCING VALVE	RA	RETURN AIR
CFM	CUBIC FEET PER MINUTE	RE.D	RETURN DUCT
CK.V	CHECK VALVE	RGR	RETURN GRILLE
CUH	CABINET UNIT HEATER	R.REG	RETURN REGISTER
DL	DUCT LINING	SA	SUPPLY AIR
EAT	ENTERING AIR TEMPERATURE	SP.D	SPLITTER DAMPER
EWI	ENTERING WATER TEMPERATURE	S.REG	SUPPLY REGISTER, WALL
EX.F	EXHAUST FAN	S.REG-C	SUPPLY REGISTER, CEILING
EXP.T	EXPANSION TANK	S.REG-F	SUPPLY REGISTER, FLOOR
FA	FROM ABOVE	SU.D	SUPPLY DUCT
FD	FLOOR DRAIN	SUH	SUSPENDED UNIT HEATER
FFA	FROM FLOOR ABOVE	TA	TO ABOVE
FFB	FROM FLOOR BELOW	TFA	TO FLOOR ABOVE
FTC	FINNED TUBE CONVECTOR	TFB	TO FLOOR BELOW
GL.V	GLOBE VALVE	UFC	UNIT FLEXIBLE CONNECTION
GPM	GALLONS PER MINUTE	VIB.ISO	VIBRATION ISOLATOR
GV	GATE VALVE	WC	WATER COLUMN
HE.C.	HEATING COIL	WG	WATER GAUGE
HV	HOSE VALVE	WIV	WATER INLET VALVE
HWR	HEATING WATER RETURN	WLS	WALL LOUVER AND SCREEN
HWS	HEATING WATER SUPPLY	WT	WATER THERMOMETER
LAT	LEAVING AIR TEMPERATURE	W.W.	WALL TO WALL
		FBO	FURNISHED BY OWNER

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REVISIONS	
NO.	DATE
1	12/3/82
2	12/3/82
3	12/3/82
4	12/3/82
5	12/3/82
6	12/3/82
7	12/3/82
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10	12/3/82

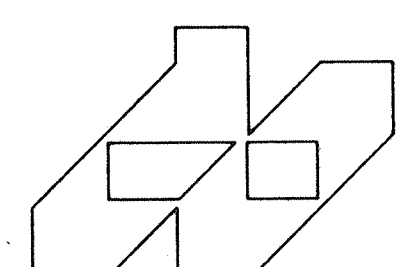
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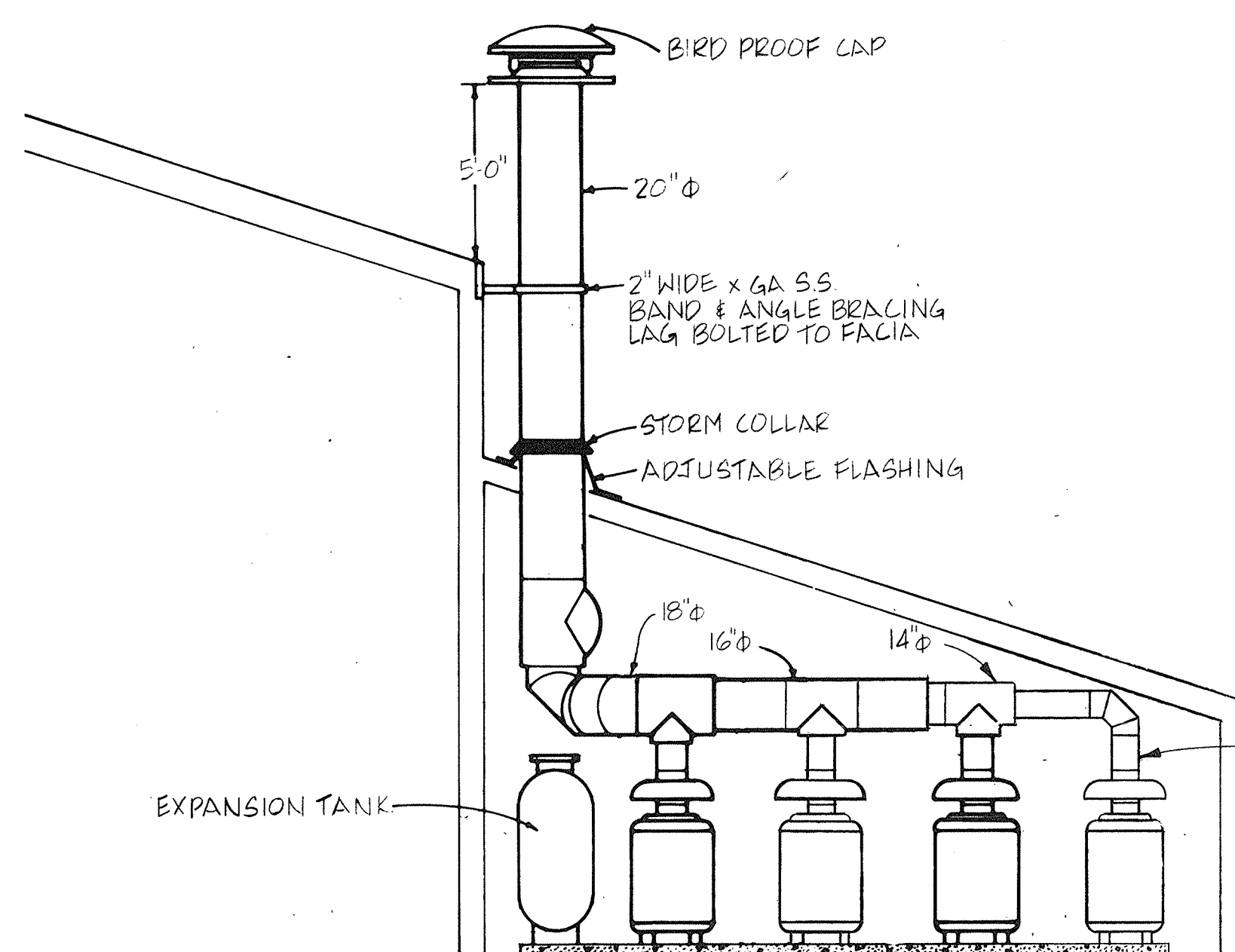
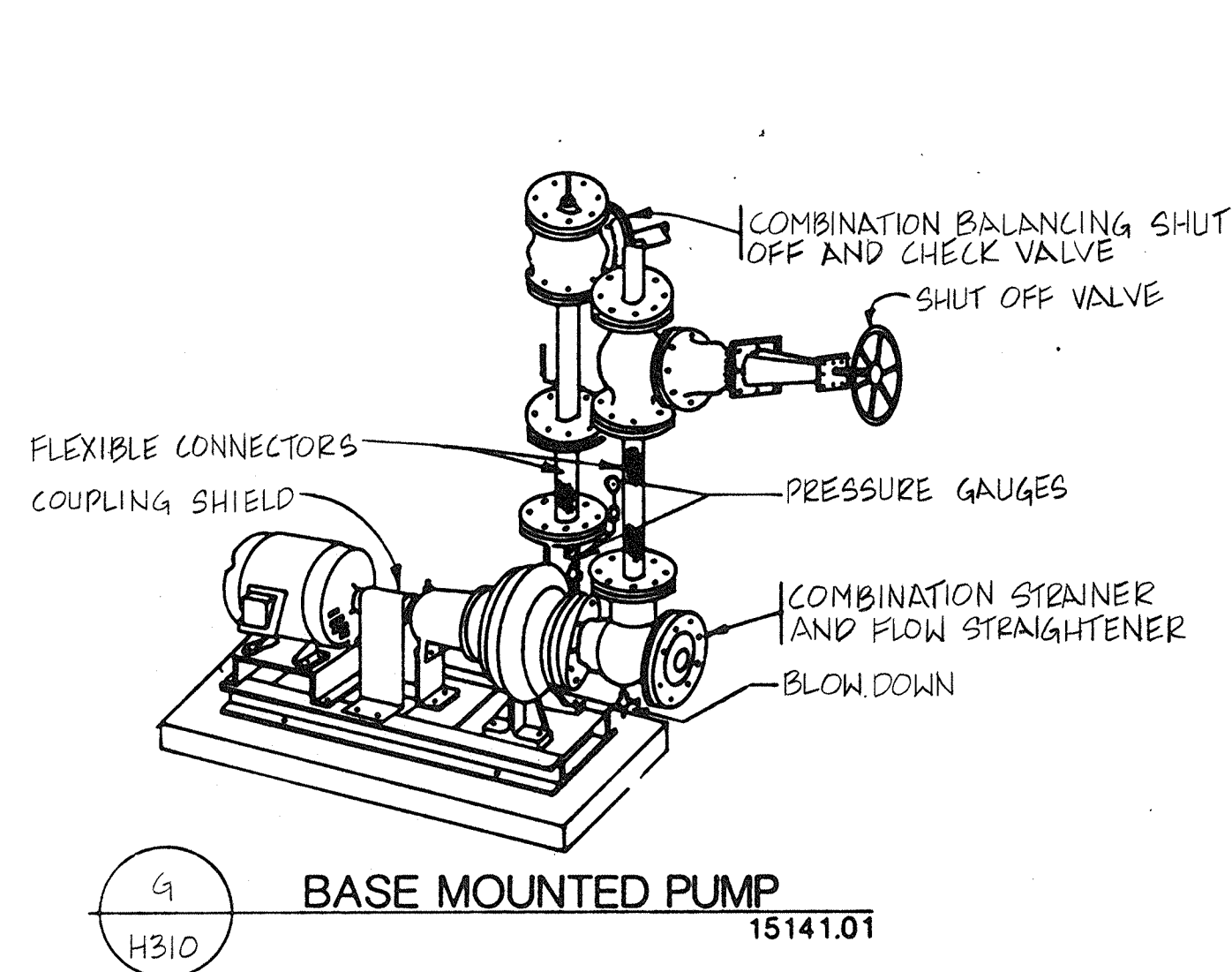
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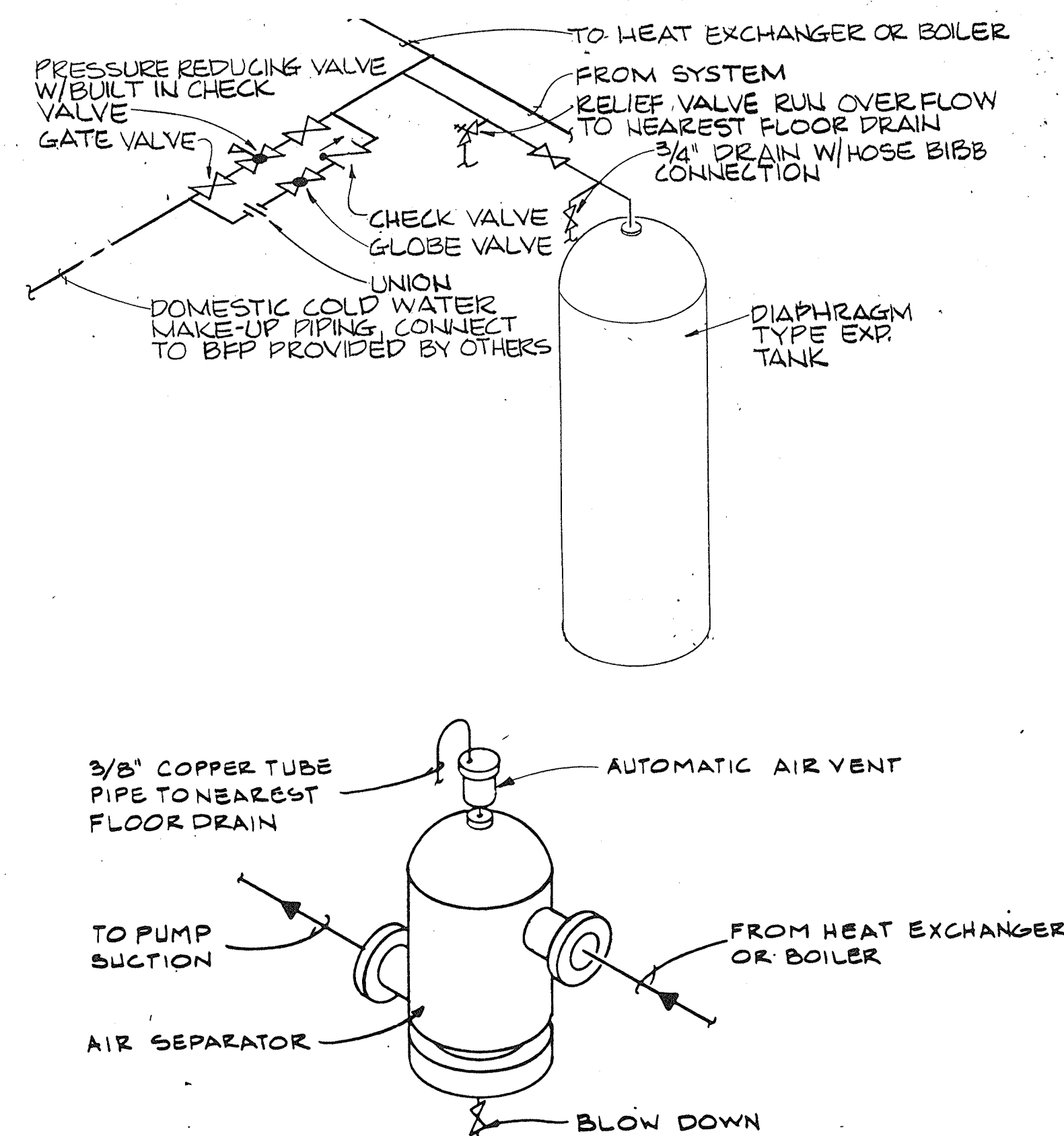
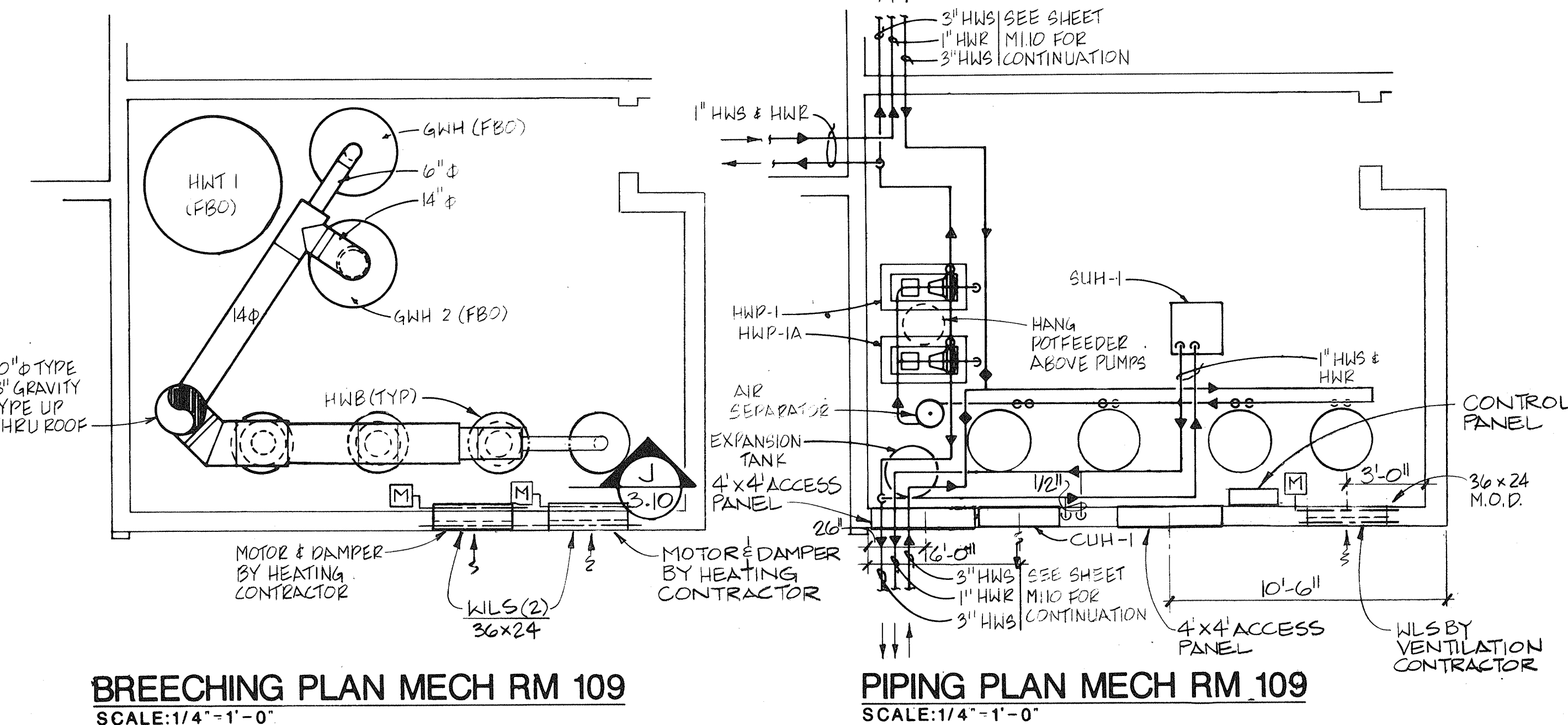
STATE OF ILLINOIS
CAPITAL DEVELOPMENT BOARD
C.D.B. PROJECT NUMBER 759-050-001 PH8

UPPER FLOOR PLAN HEATING
ILLINOIS MATHEMATICS AND SCIENCE ACADEMY
PHASE 8 - STUDENT HOUSING
RANDALL ROAD AND SULLIVAN ROAD
AURORA, ILLINOIS

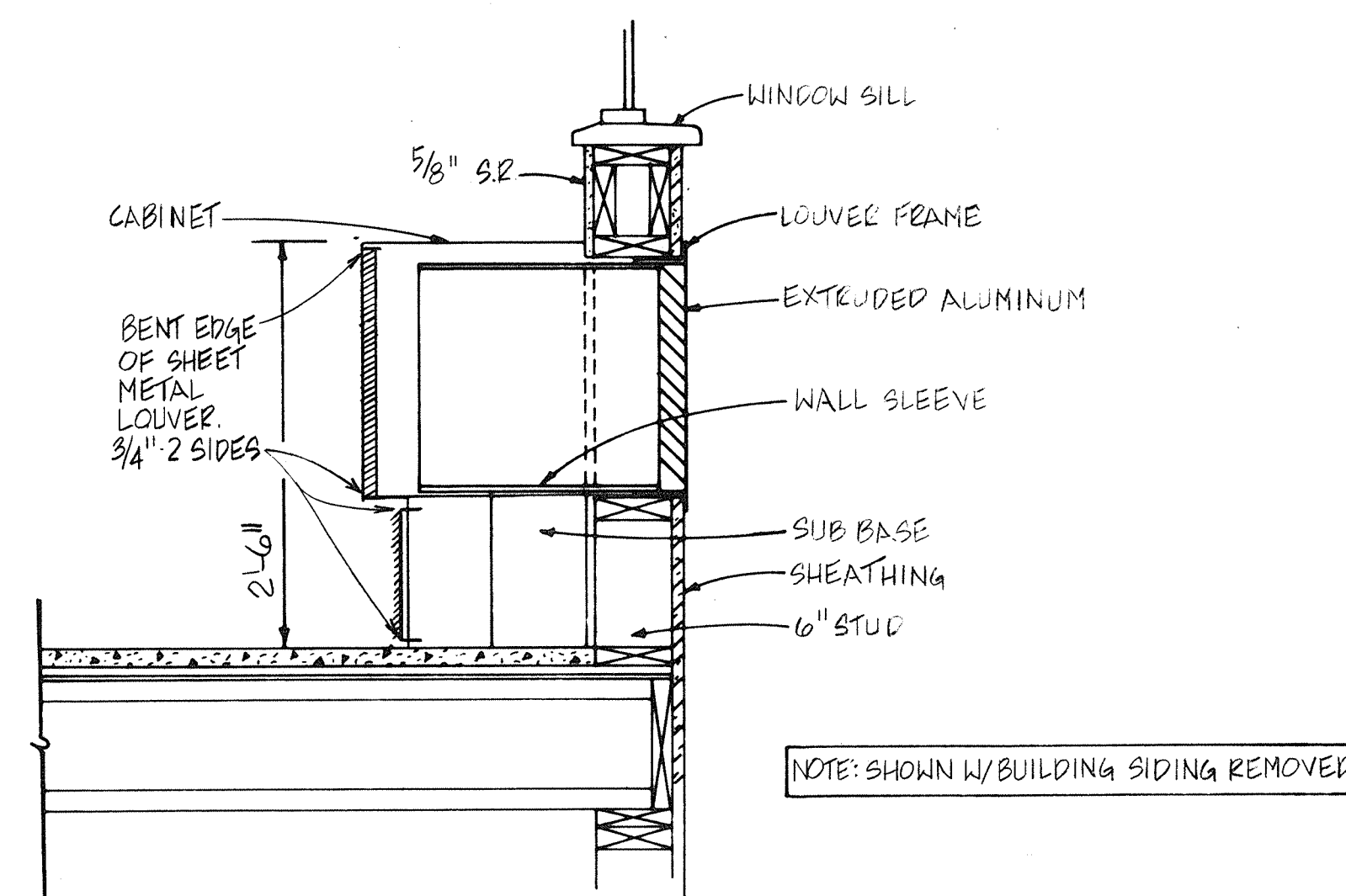
PROJECT NUMBER
1735.24
DATE
3-30-89
SHEET NUMBER
H 1.20
OF 7 SHEETS



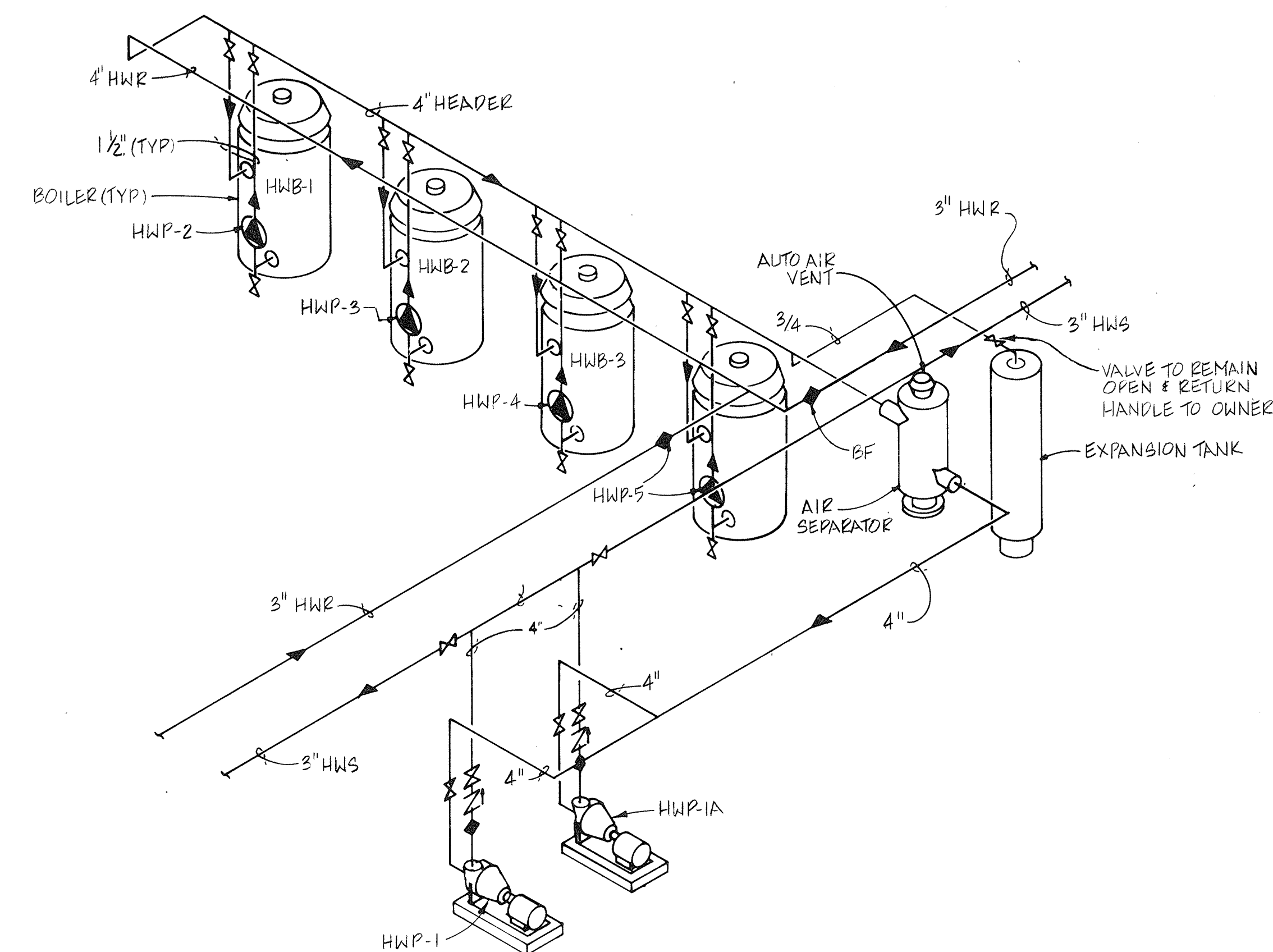
SECTION
SCALE: 1/4" = 1'-0"



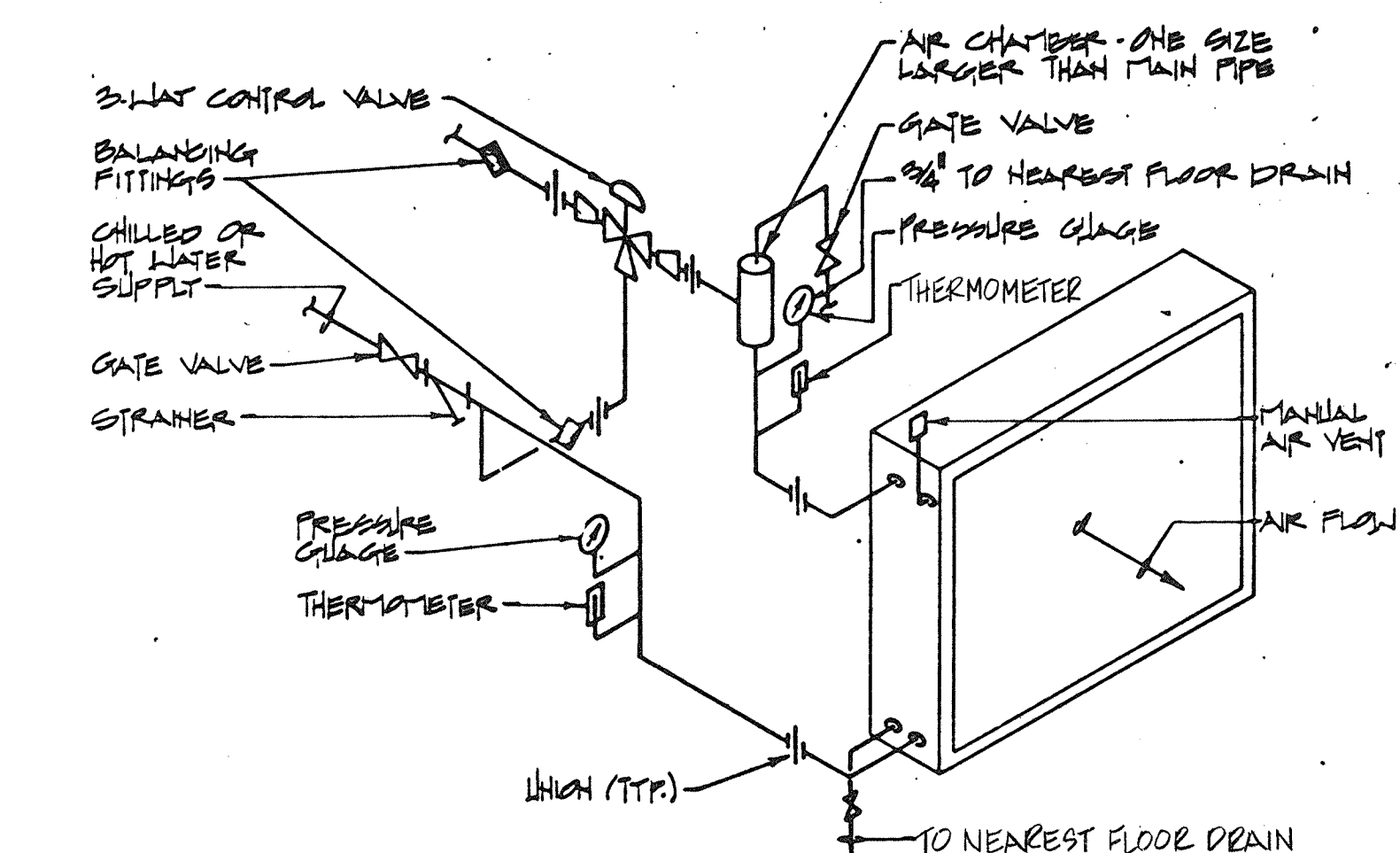
AIR SEPARATOR AND EXPANSION TANK PIPING
H3.10



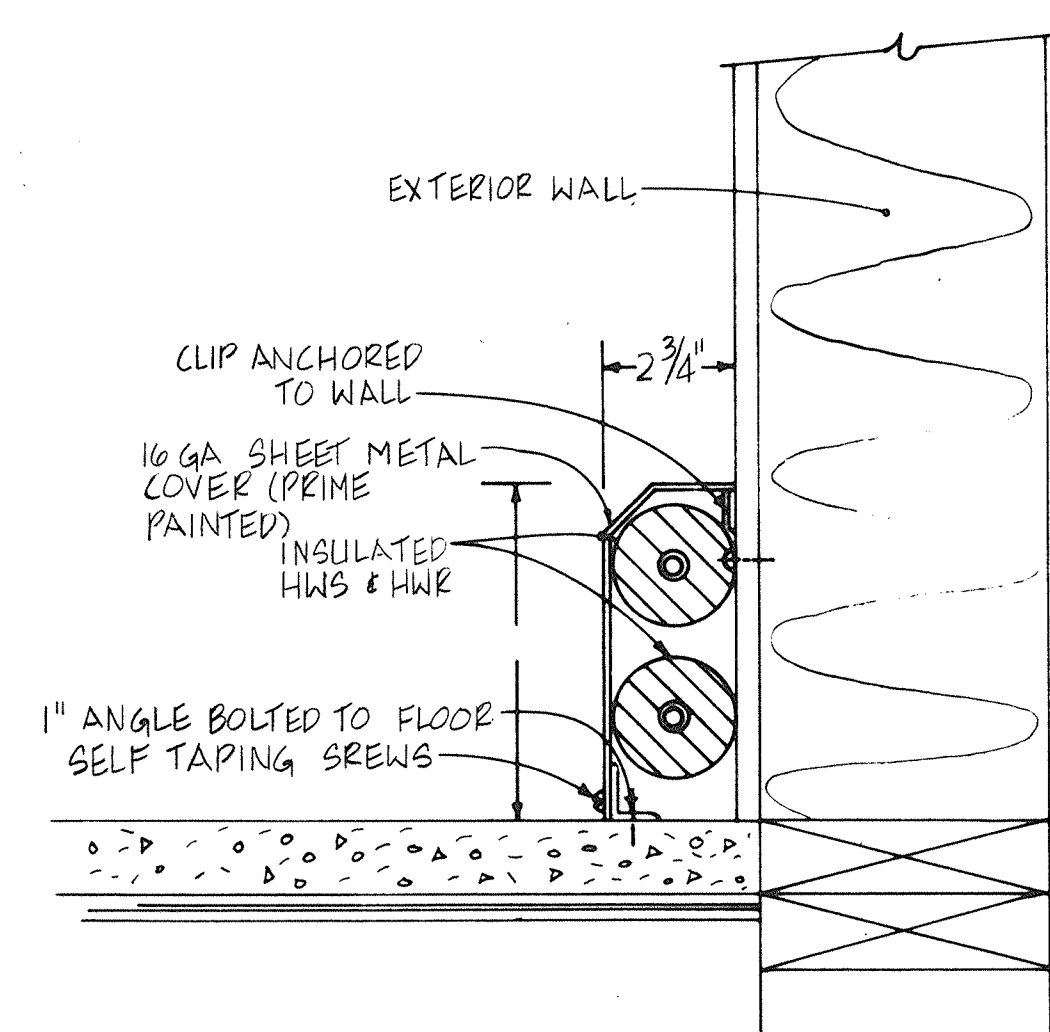
SECTION THRU PTAC
SCALE: 1" = 1'-0"



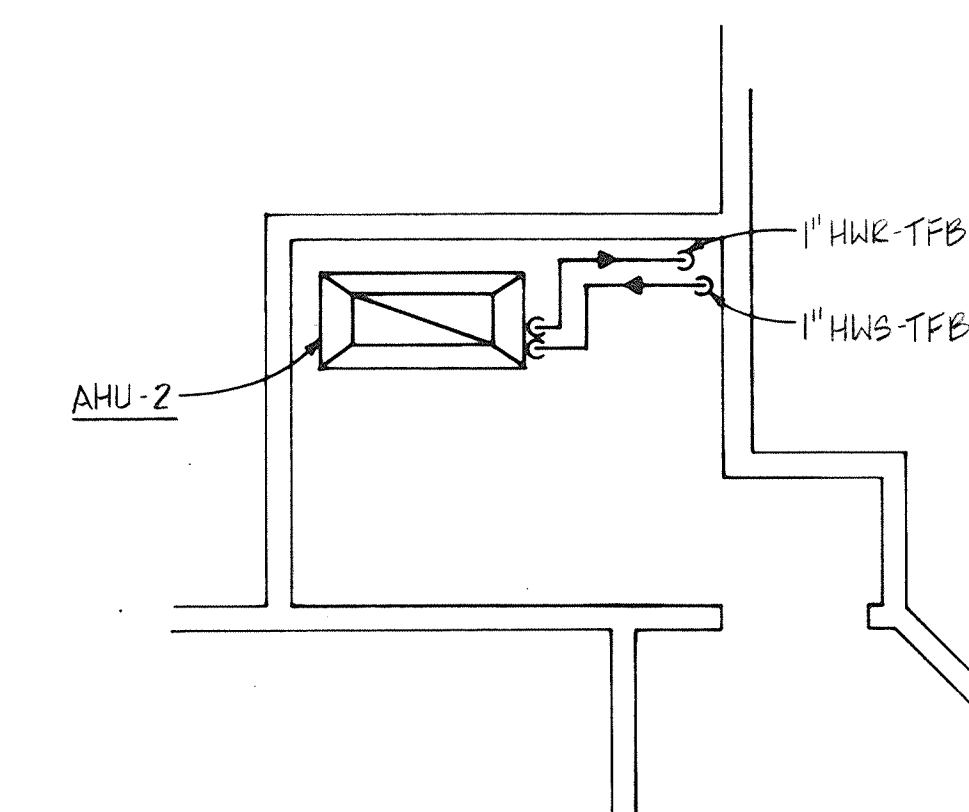
PIPING SCHEMATIC MECHANICAL ROOM 109
NO SCALE



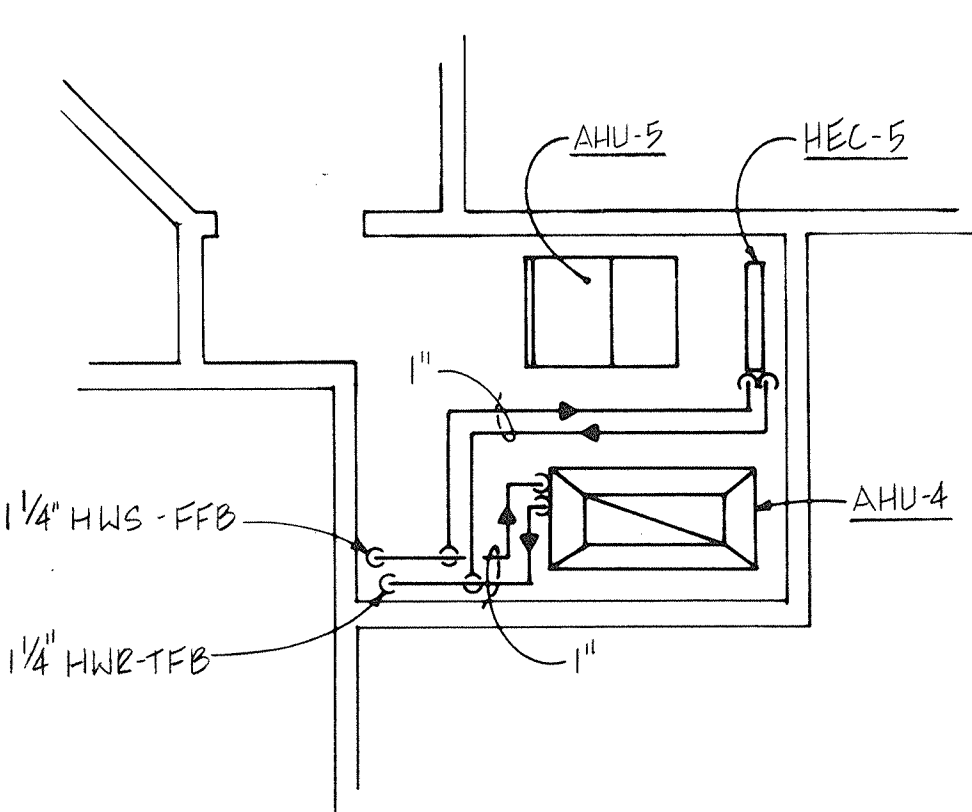
AHU HOT OR CHILLED WATER COIL PIPING
H3.10 N.T.S.



WALL COVER DETAIL
SCALE: 3" = 1'-0"



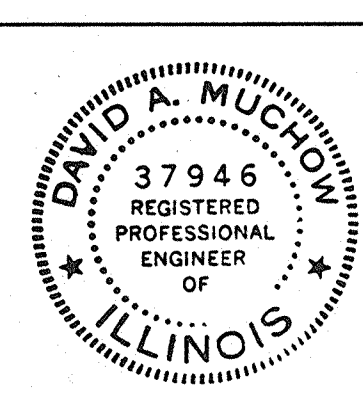
MECHANICAL ROOM 205 PLAN
SCALE: 1/4" = 1'-0" (MECH RMS 200 & 218 SIMILAR)



MECHANICAL ROOM 214 PLAN
SCALE: 1/4" = 1'-0"

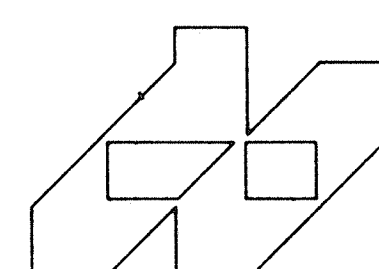
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REVISIONS				DRAWN		PREP.	
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DETAILS HEATING
ILLINOIS MATHEMATICS AND SCIENCE ACADEMY
PHASE 8 - STUDENT HOUSING
RANDALL ROAD AND SULLIVAN ROAD
AURORA, ILLINOIS

PROJECT NUMBER
1735.26
DATE
3-30-89
SHEET NUMBER
H 3.10
OF 7 SHEETS

AIR HANDLING UNIT SCHEDULE													
MARK	MAX. CFM	EXTERNAL SP. IN W.C.	MIN. OD. A. CFM	FAN DATA				VOLT	PHASE	HEATING COIL	COOLING COIL	REMARKS	
				TYPE	DIA.	RPM	MOTOR HP						
AHU-1	2,645	0.5	395	CENT.	15	600	1.0	208	3	HEC-1	DXC-1	VERTICAL, DOWN FLOW BELT DRIVEN BLOWER	
AHU-2	2,645	0.5	395	CENT.	15	600	1.0	208	3	HEC-2	DXC-2	SAME AS AHU-1	
AHU-3	2,745	0.5	395	CENT.	15	625	1.0	208	3	HEC-3	DXC-3	SAME AS AHU-1	
AHU-4	2,645	0.5	395	CENT.	15	600	1.0	208	3	HEC-4	DXC-4	SAME AS AHU-1	
AHU-5	1,360	0.35	190	CENT.	15	1,075	1/2	208	1	HEC-5	DXC-5	HORIZONTAL FLOW 3-SPEED DIRECT DRIVE BLOWER	

HEATING & COOLING COIL SCHEDULE																		
MARK	LOCATION		CFM	SIZE (IN)		FACE VELOCITY (FPM)	AIR PRESS. DROP (IN. OF H ₂ O)	ROWS (MIN.)	FINS/INCH.	ENTERING AIR TEMP.		LEAVING AIR TEMP.		TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	GPM	ENT	LWT
	IN AHU	IN DUCT		WIDTH	HEIGHT					DB	WB	DB	WB					
HEC-1	XX B XX		2,645	39.5	25.0	384	0.05	1	10	62.2	55.0	103.4	54.3	117.6	55.0	7.0	200	166.4
DXC-1	XXXXXXX		2,645			241	a	3	13.5	78.0	65.0	103.4	54.3	117.6	55.0	7.0	200	166.4
HEC-2	XX B XX		2,645	39.5	25.0	384	0.05	1	10	62.2	55.0	103.4	54.3	117.6	55.0	7.0	200	166.4
DXC-2	XXXXXXX		2,645			241	a	3	13.5	78.0	65.0	103.4	54.3	117.6	55.0	7.0	200	166.4
HEC-3	XX B XX		2,745	39.5	25.0	396	0.06	1	10	62.2	55.0	102.6	54.3	119.1	55.8	7.0	200	166.0
DXC-3	XXXXXXX		2,745			249	a	3	13.5	78.0	65.0	102.6	54.3	119.1	55.8	7.0	200	166.0
HEC-4	XX B XX		2,645	39.5	25.0	384	0.05	1	10	62.2	55.0	103.4	54.3	117.6	55.0	7.0	200	166.4
DXC-4	XXXXXXX		2,645			241	a	3	13.5	78.0	65.0	103.4	54.3	117.6	55.0	7.0	200	166.4
HEC-5	XXXXXXX		1,360	28.0	18.0	393	0.06	1	9	62.2	53.6	108.1	52.8	68.4	34.1	7.0	200	180.0
DXC-5	XXXXXXX		1,360			359	a	4	12	78.0	65.0	53.6	52.8	44.9	34.1	7.0	200	180.0

a = DX COILS ARE AN INTEGRAL PART OF AIR HANDLING UNITS & ASSOCIATED
AIR PRESSURE DROPS ARE CONSIDERED INTEGRAL
b = HOT WATER HEATING COILS ARE HOUSED IN OPTIONAL ENCLOSURE FURNISHED WITH AHU.

AIR COOLED CONDENSING UNIT SCHEDULE													
MARK	NOMINAL CAPACITY (TONS)	ELECTRICAL DATA				NO. OF COMP.	EER	COMP. F.L.A.	TOTAL KW	VOLT	PHASE	SUCTION CONNECTION SIZE	LIQUID CONNECTION SIZE
		NO. OF FANS	HP (E.A.)	IN. OF COMP.	HP (E.A.)								
ACCU-1	6.25	1	1/2	1	7.95	21.7	8.6	208	3	1 1/8"	3/8"	95	
ACCU-2	6.25	1	1/2	1	7.95	21.7	8.6	208	3	1 1/8"	3/8"	95	
ACCU-3	6.25	1	1/2	1	7.95	21.7	8.6	208	3	1 1/8"	3/8"	95	
ACCU-4	6.25	1	1/2	1	7.95	21.7	8.6	208	3	1 1/8"	3/8"	95	
ACCU-5	4.0	1	1/2	1	8.25	16.3	6.2	208	3	1 1/8"	3/8"	95	

PACKAGED TERMINAL AIR CONDITIONER SCHEDULE											
MARK	TOTAL COOLING CAPACITY	CONDENSER ENTERING AIR	EVAPORATOR ENTERING AIR	CFM	MAX. OD. A (CFM)	TOTAL HEATING CAPACITY	GPM	EWT (F)	LWT (F)	VOLTS	PHASE
(PTAC TYP.)	11,000 BTUH	35 DB	55 DB/67 WB	320/275	70	22.5 MBH	2.3	200	180	208	1

PUMP SCHEDULE									
MARK	SERVICE	GPM	DESIGN HEAD FT. OF H ₂ O	IMPELLER DIA.	RPM	HP	VOLT	PHASE	REMARKS
HWP-1&1A	a & b	180	60	8	1,750	5	208	3	
HWP-2	c	22	11	4	1,750	1/4	120	1	
HWP-3	c	22	11	4	1,750	1/4	120	1	
HWP-4	c	22	11	4	1,750	1/4	120	1	
HWP-5	c	22	11	4	1,750	1/4	120	1	

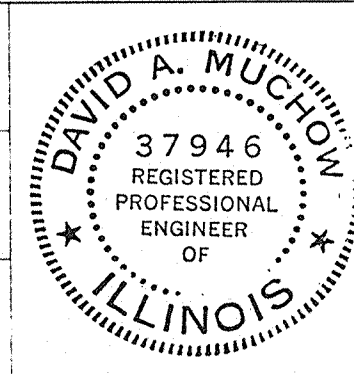
a = PRIMARY
b = STANBY PRIMARY
c = SECONDARY BOILER CIRCULATION

HOT WATER BOILER SCHEDULE									
MARK	BURNER TYPE	MAX. GAS INPUT (MBH)	MAX. OUTPUT (MBH)	HWR TAPPING	HWS TAPPING	GPM	MAX. PRESS. DROP (FT. H ₂ O)	REMARKS	
HWB-1	ATMOSPHERIC	399.0	319.2	1 1/2"	1 1/2"	22	10		
HWB-2	ATMOSPHERIC	399.0	319.2	1 1/2"	1 1/2"	22	10		
HWB-3	ATMOSPHERIC	399.0	319.2	1 1/2"	1 1/2"	22	10		
HWB-4	ATMOSPHERIC	399.0	319.2	1 1/2"	1 1/2"	22	10		

SUSPENDED AND CABINET HEATER SCHEDULE									
MARK	CFM (NOG.)	ENT. AIR TEMP. (F)	CAPACITY (BTUH)	GPM	EWT	LWT	WATER PRESS. DROP IN H ₂ O	ARRANGEMENT	
CUH-1	200	60	12,875	0.5	200	150	0.07	WALL RECESSED	
CUH-2	200	60	12,875	0.5	200	150	0.07	WALL RECESSED	
CUH-3	200	60	12,875	0.5	200	150	0.07	WALL RECESSED	
CUH-4	200	60	12,875	0.5	200	150	0.07	WALL RECESSED	
CUH-5	200	60	12,875	0.5	200	150	0.07	WALL RECESSED	
CUH-6	200	60	12,875	0.5	200	150	0.07	CEILING RECESSED	
CUH-7	200	60	12,875	0.5	200	150	0.07	CEILING RECESSED	
SUH-1	1,275	60	68,300	7.0	200	180	0.44	VERTICAL DISCHARGE	

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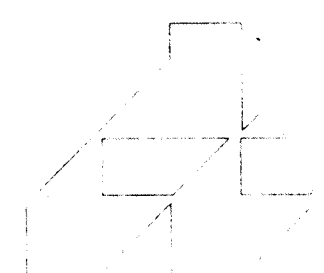
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12/3	REVISOR	RECORD DRAWINGS	TRACED	APPROV.
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SCHEDULES HEATING

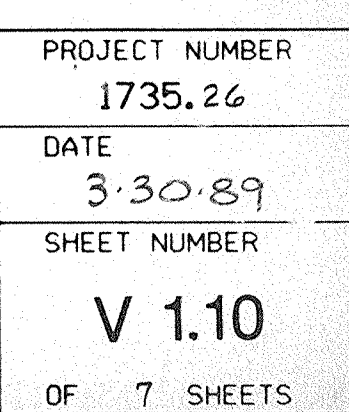
ILLINOIS MATHEMATICS AND SCIENCE ACADEMY
PHASE 8 - STUDENT HOUSING

RANDALL ROAD, N. & S. ILL. HWY. ROAD
AURORA, ILLINOIS

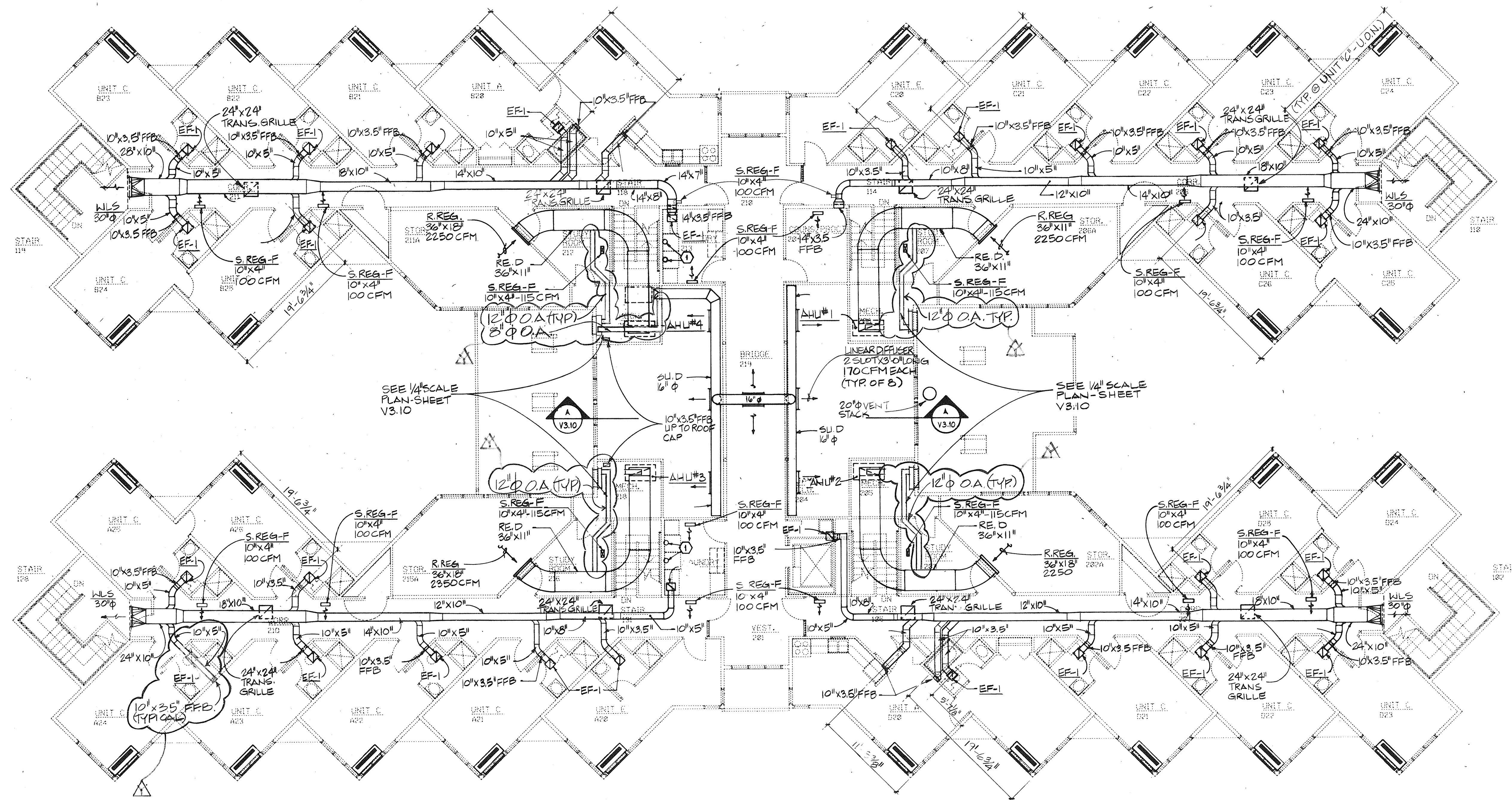
PROJECT NUMBER
1735. 26
DATE
3/30/89
SHEET NUMBER
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OF 4 SHEETS

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DAVID A. MUCHOW
37946
REGISTERED
PROFESSIONAL
ENGINEER
OF
ILLINOIS



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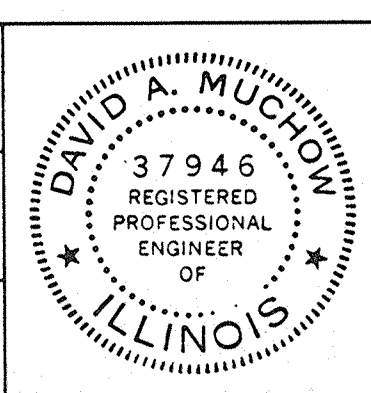


UPPER FLOOR PLAN
SCALE: 1/8" = 1'-0"

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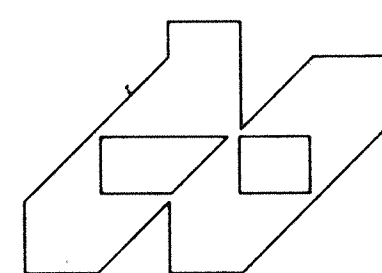
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NO.	DATE	REMARKS
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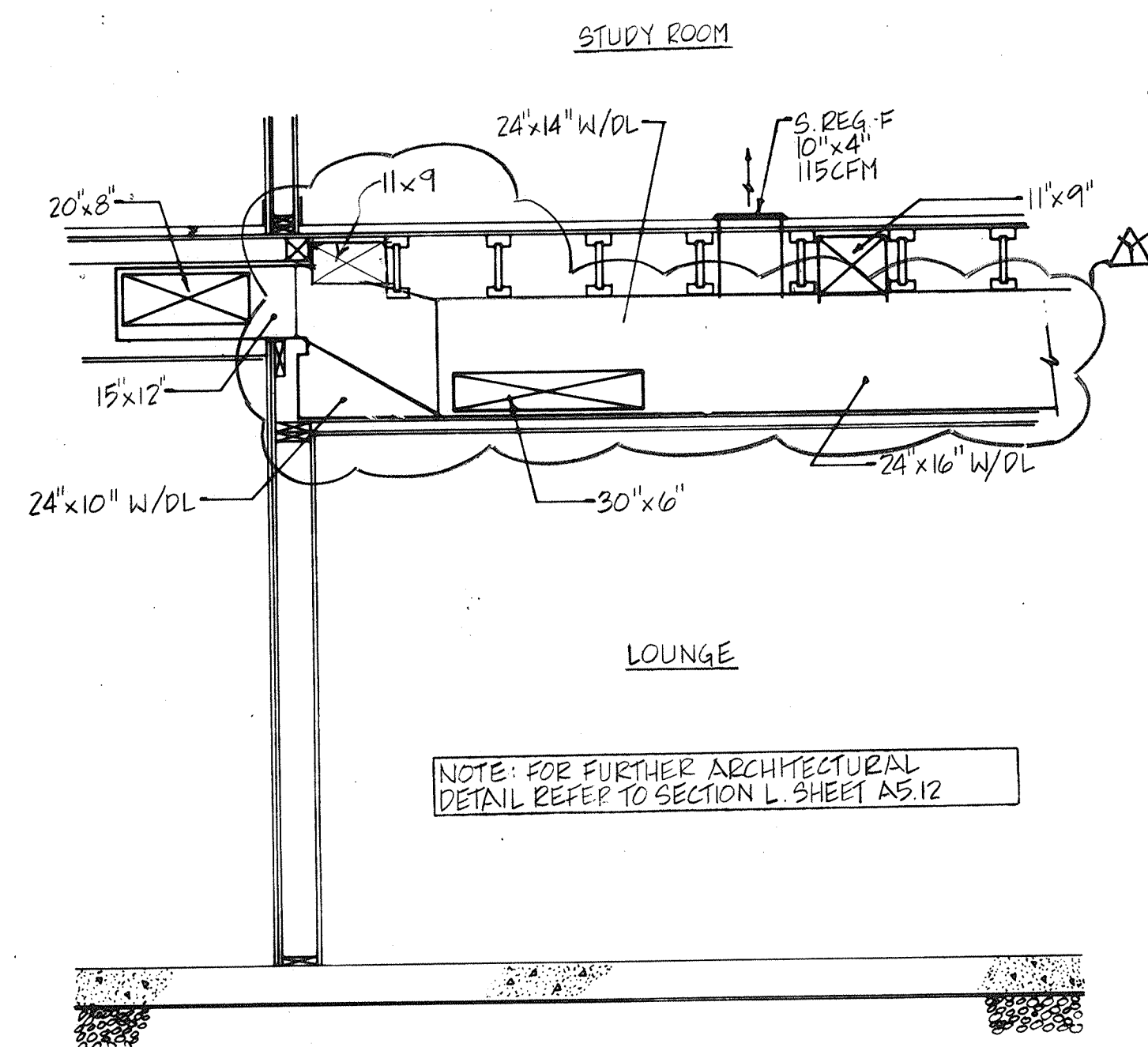
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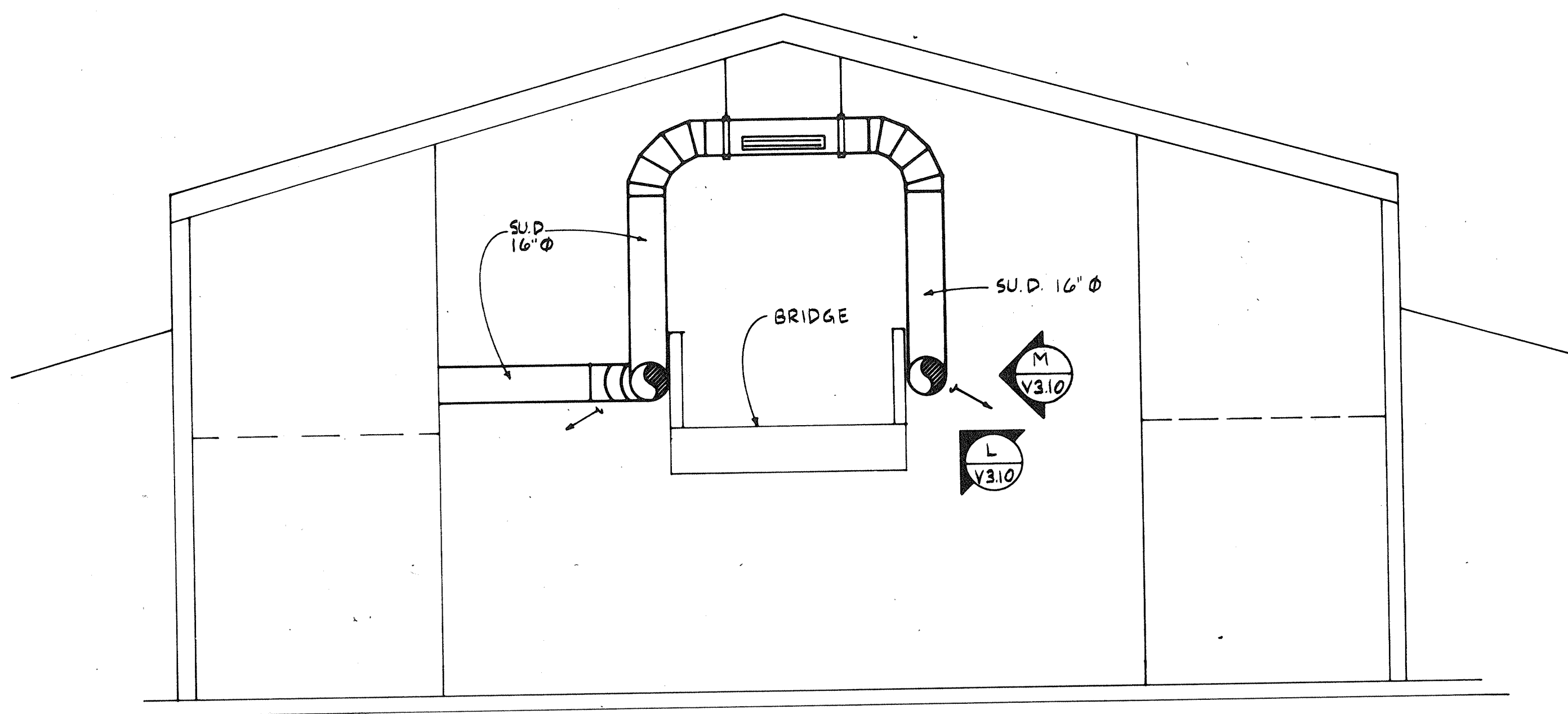
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C.D.B. PROJECT NUMBER 759-050-001 PH8

UPPER FLOOR PLAN VENTILATION
ILLINOIS MATHEMATICS AND SCIENCE ACADEMY
PHASE 8 - STUDENT HOUSING
RANDALL ROAD AND SULLIVAN ROAD
AURORA, ILLINOIS

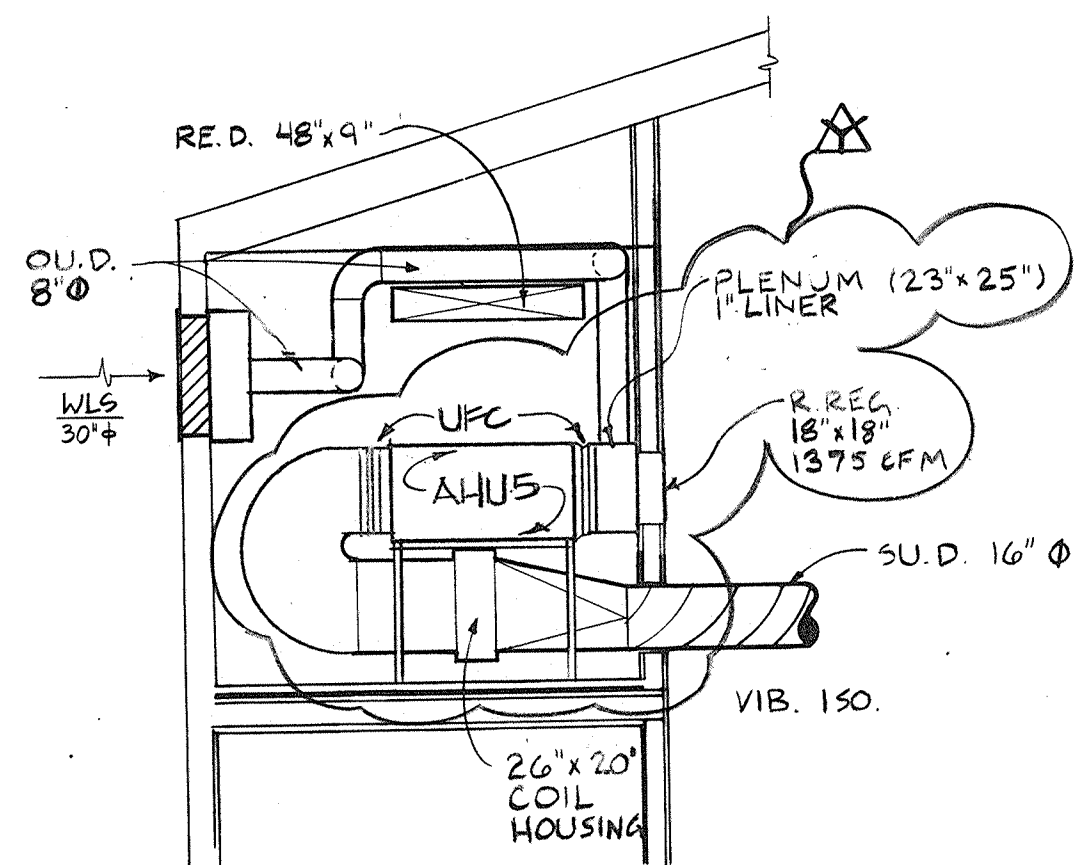
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1735.26
DATE
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SHEET NUMBER
V 1.20
OF 7 SHEETS



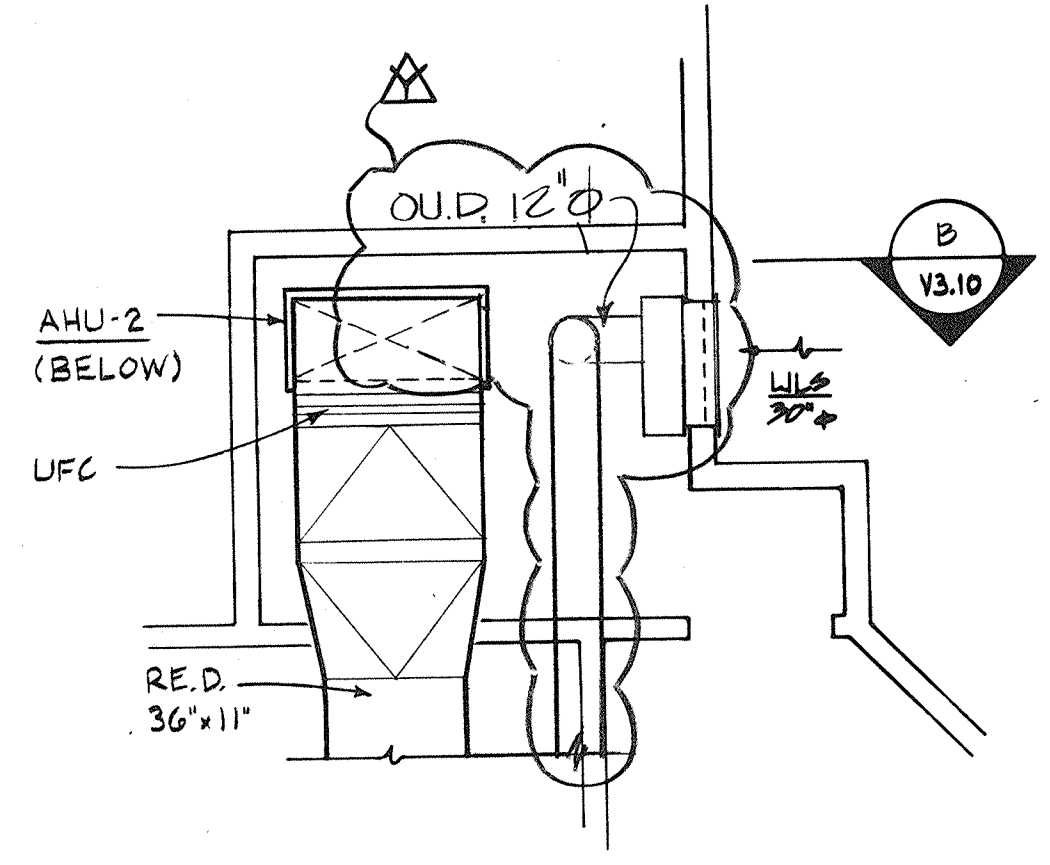
E SECTION
SCALE: 1/2" = 1'-0"



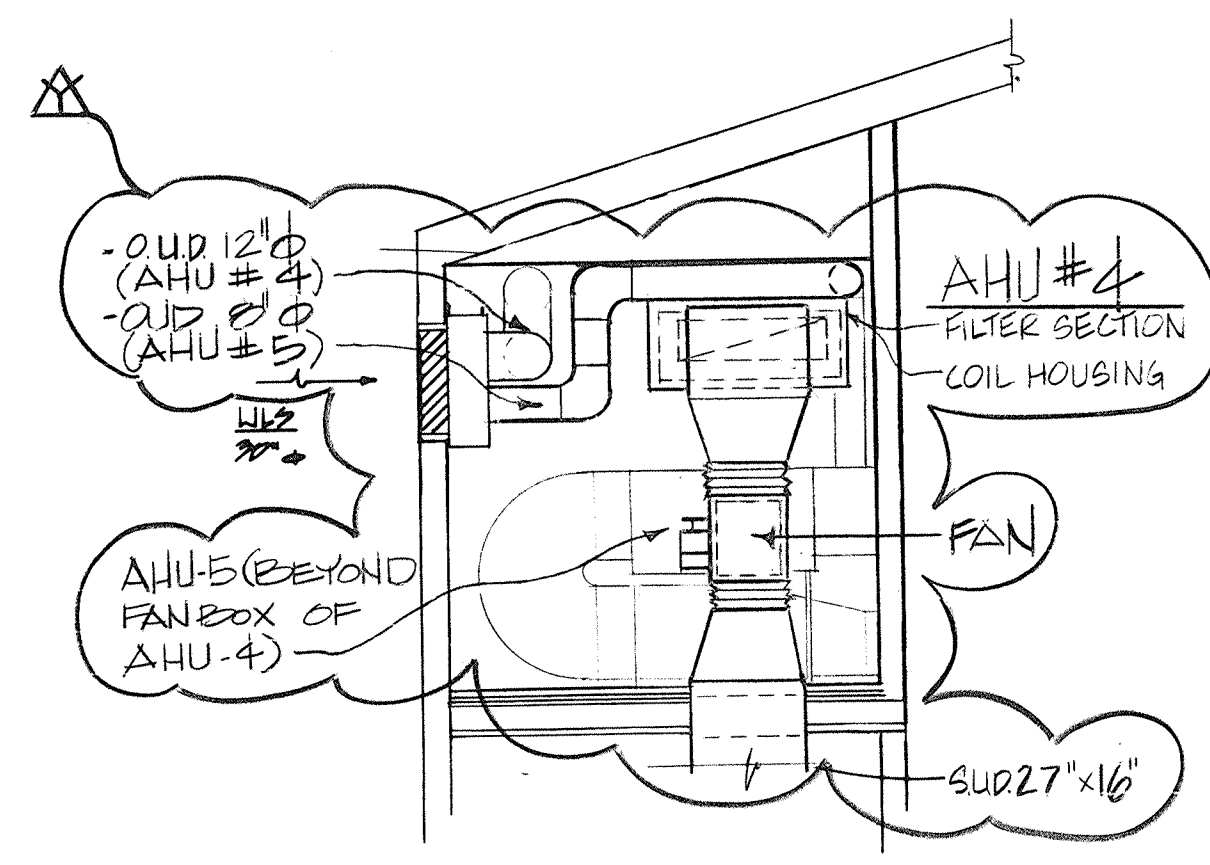
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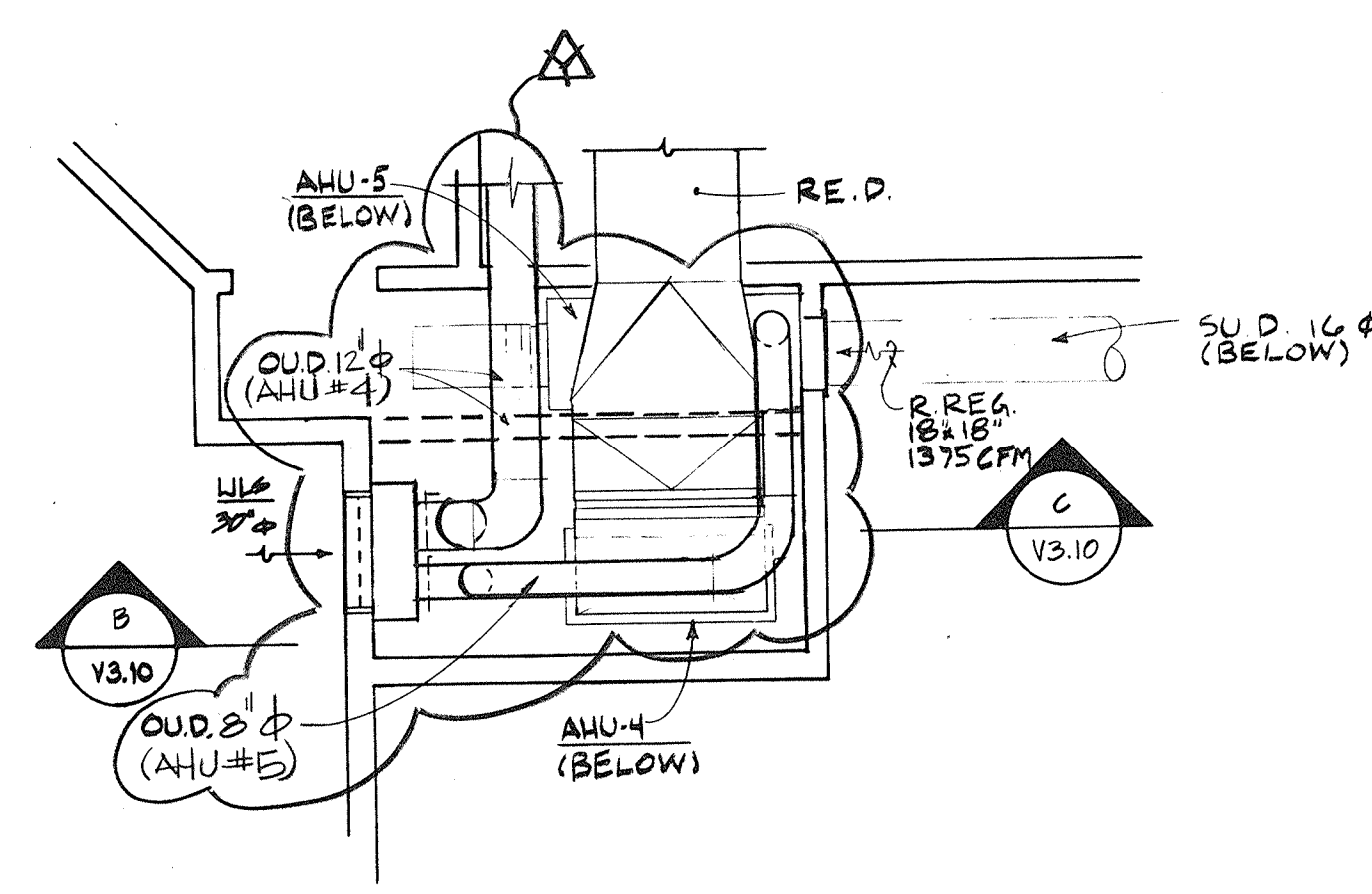
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SCALE: 1/4" = 1'-0"



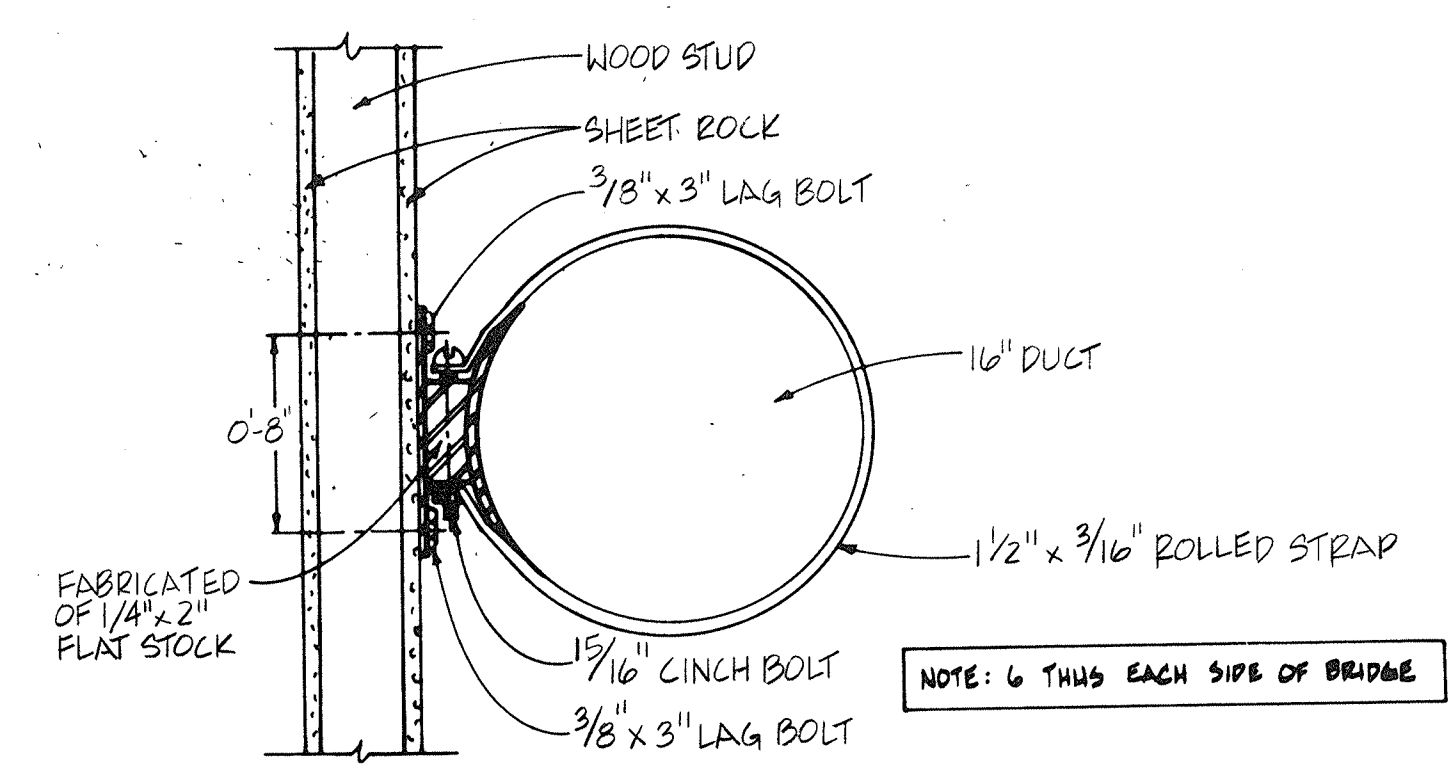
MECHANICAL ROOM 205 PLAN
SCALE: 1/4" = 1'-0" (MECH. RMS 200 & 218 SIMILAR)



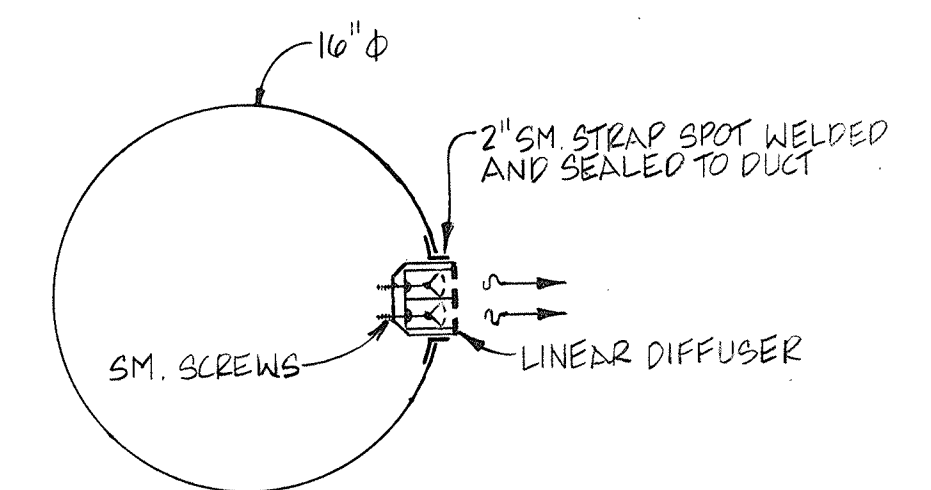
B SECTION
SCALE: 1/4" = 1'-0"



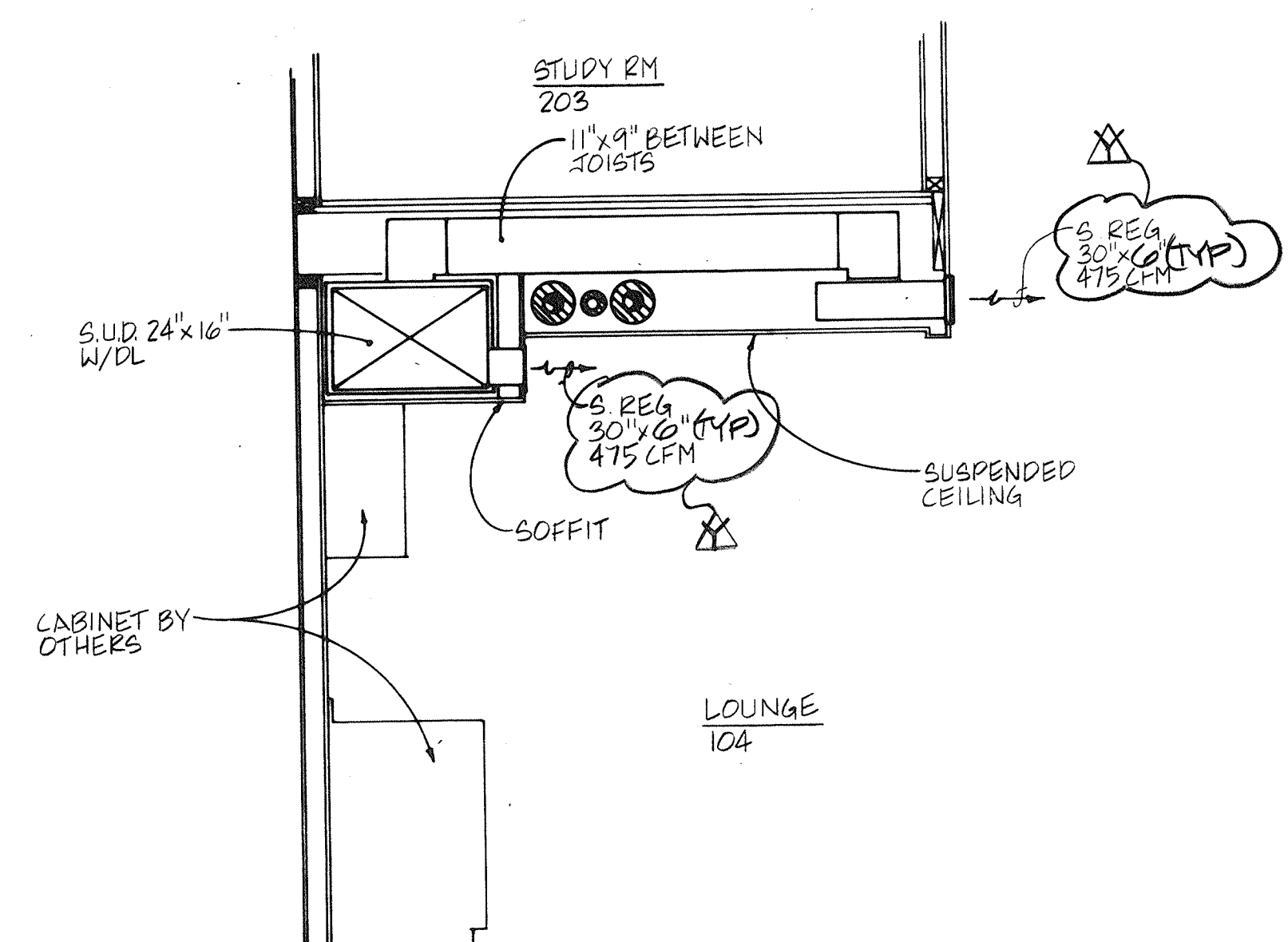
MECHANICAL ROOM 214 PLAN
SCALE: 1/4" = 1'-0"



L 16' DUCT SUPPORT AT BRIDGE
SCALE: 1/2" = 1'-0"



M DETAIL AT LINEAR DIFFUSERS
SCALE:



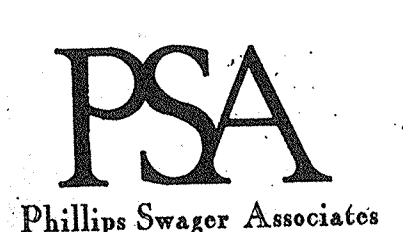
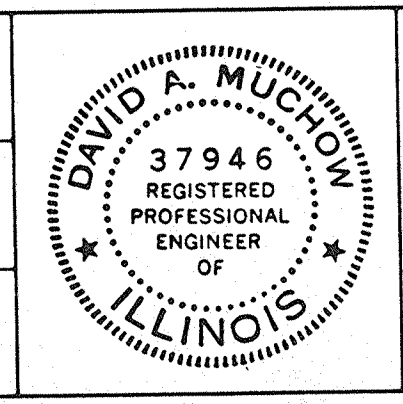
F SECTION
SCALE: 1/2" = 1'-0"

EXHAUST FAN SCHEDULE						
MARK	CFM	STATIC PRESSURE (IN. W.C.)	RPM	SONES (MAX)	ELECT. CHAR.	REMARKS
EF-1	80	0.25	1,200	2.9	120V/1	RECESSED CEILING MOUNTED, W/GRILLE AND BACKDRAFT DAMPER
EF-2	180	0.25	1,150	3.1	120V/1	SAME AS EF-1

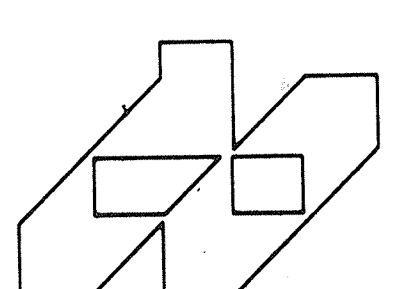
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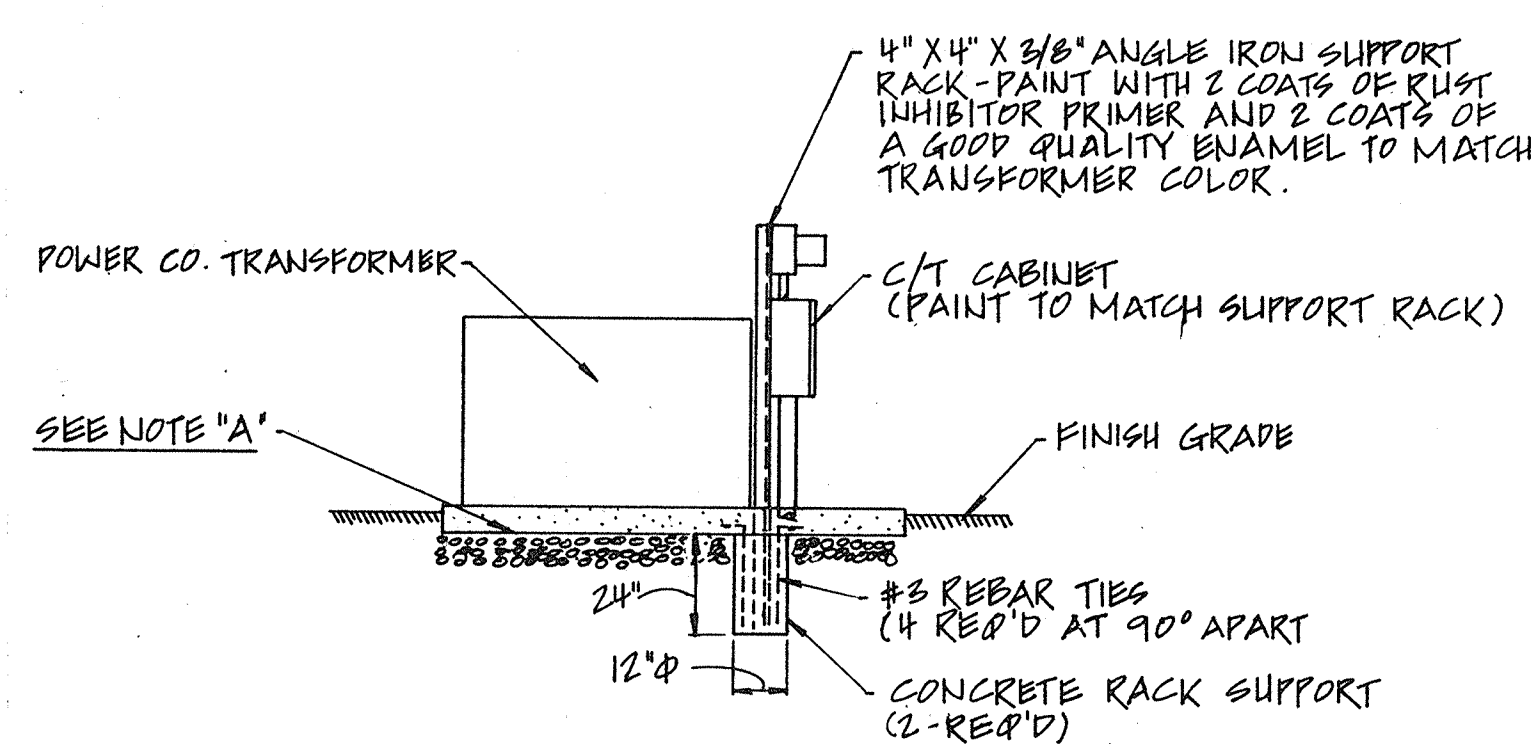
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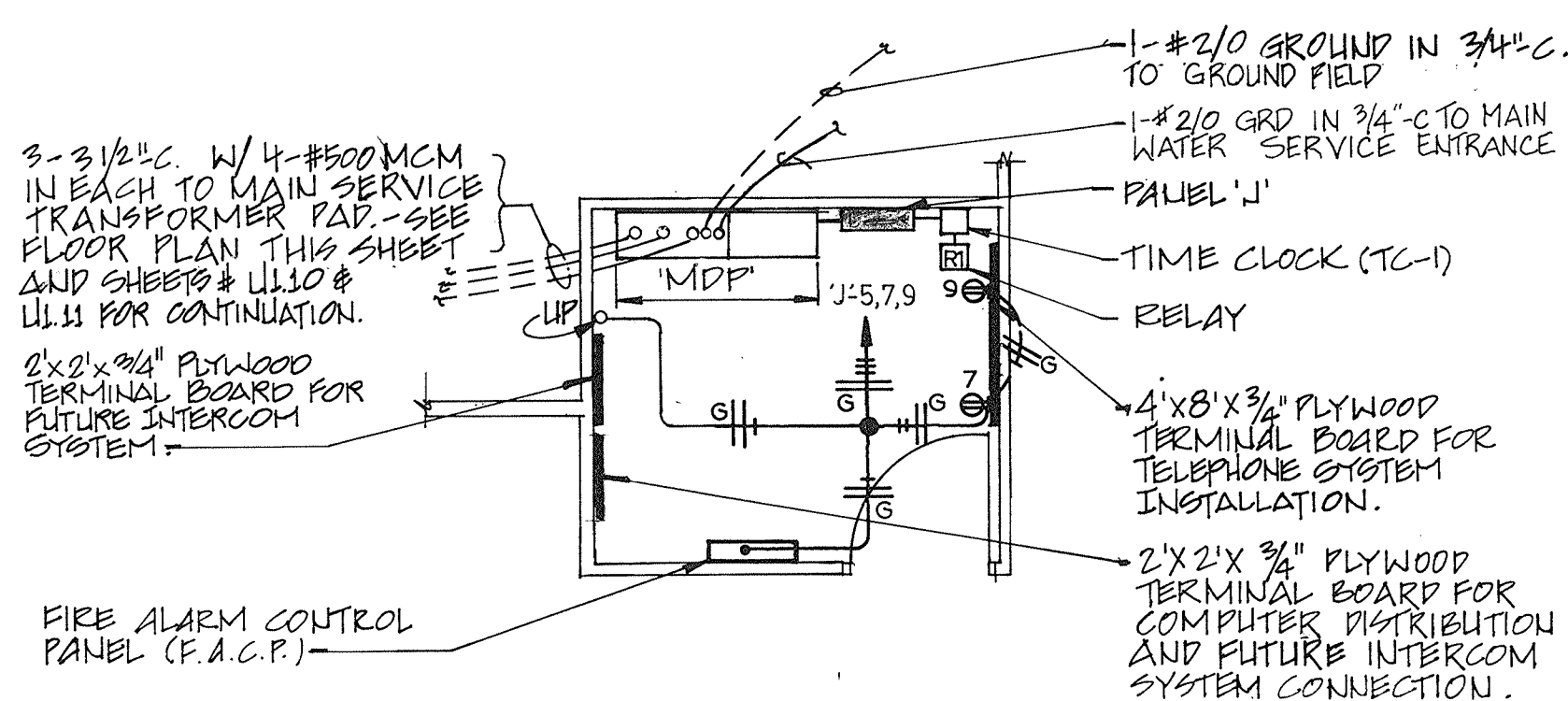
DETAILS & SCHEDULES VENTILATION
ILLINOIS MATHEMATICS AND SCIENCE ACADEMY
PHASE 8 - STUDENT HOUSING
RANDALL ROAD AND SULLIVAN ROAD
AURORA, ILLINOIS

PROJECT NUMBER	1735.26
DATE	3.30.89
SHEET NUMBER	V 3.10
OF 7 SHEETS	

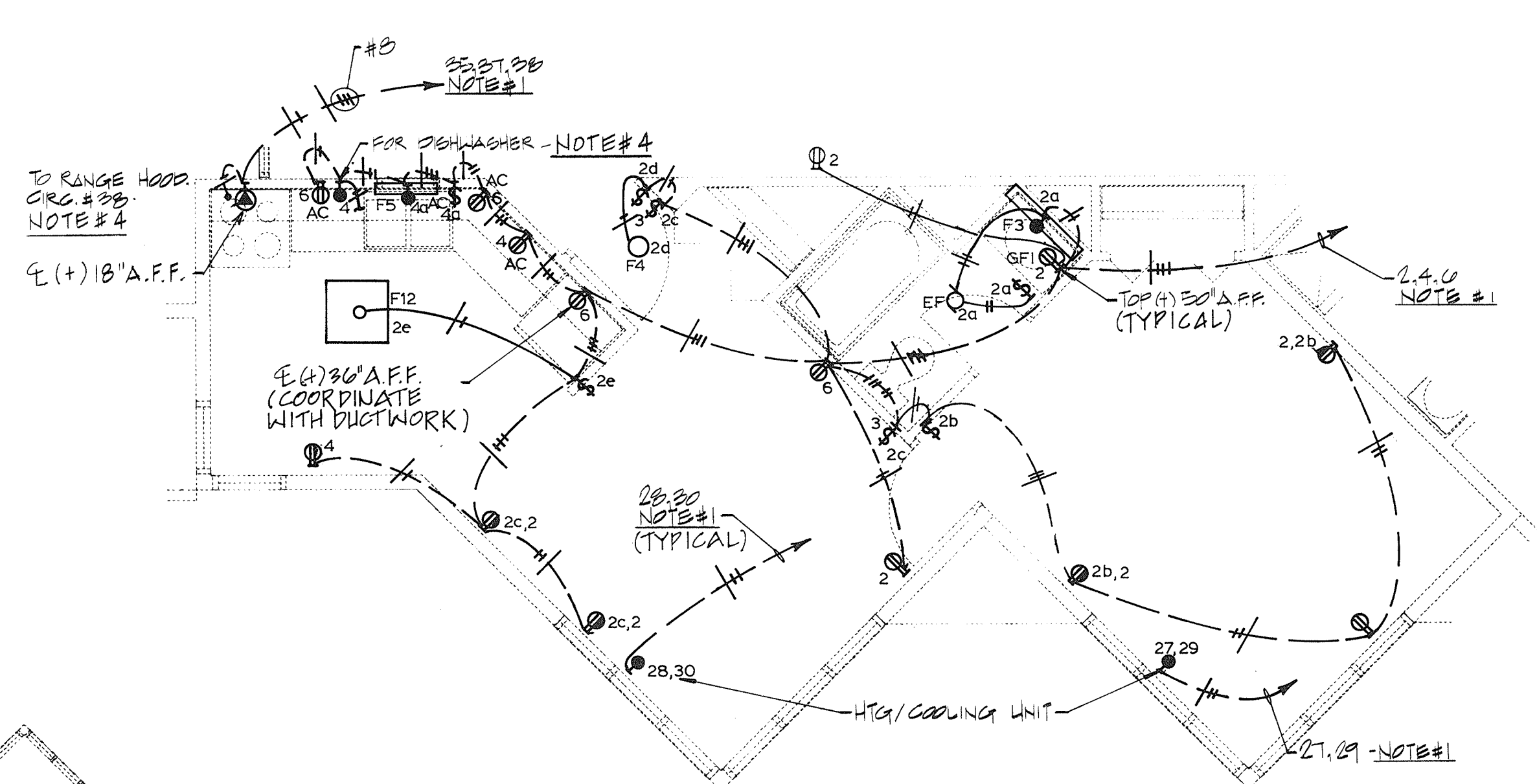


ELEVATION "A"
NO SCALE

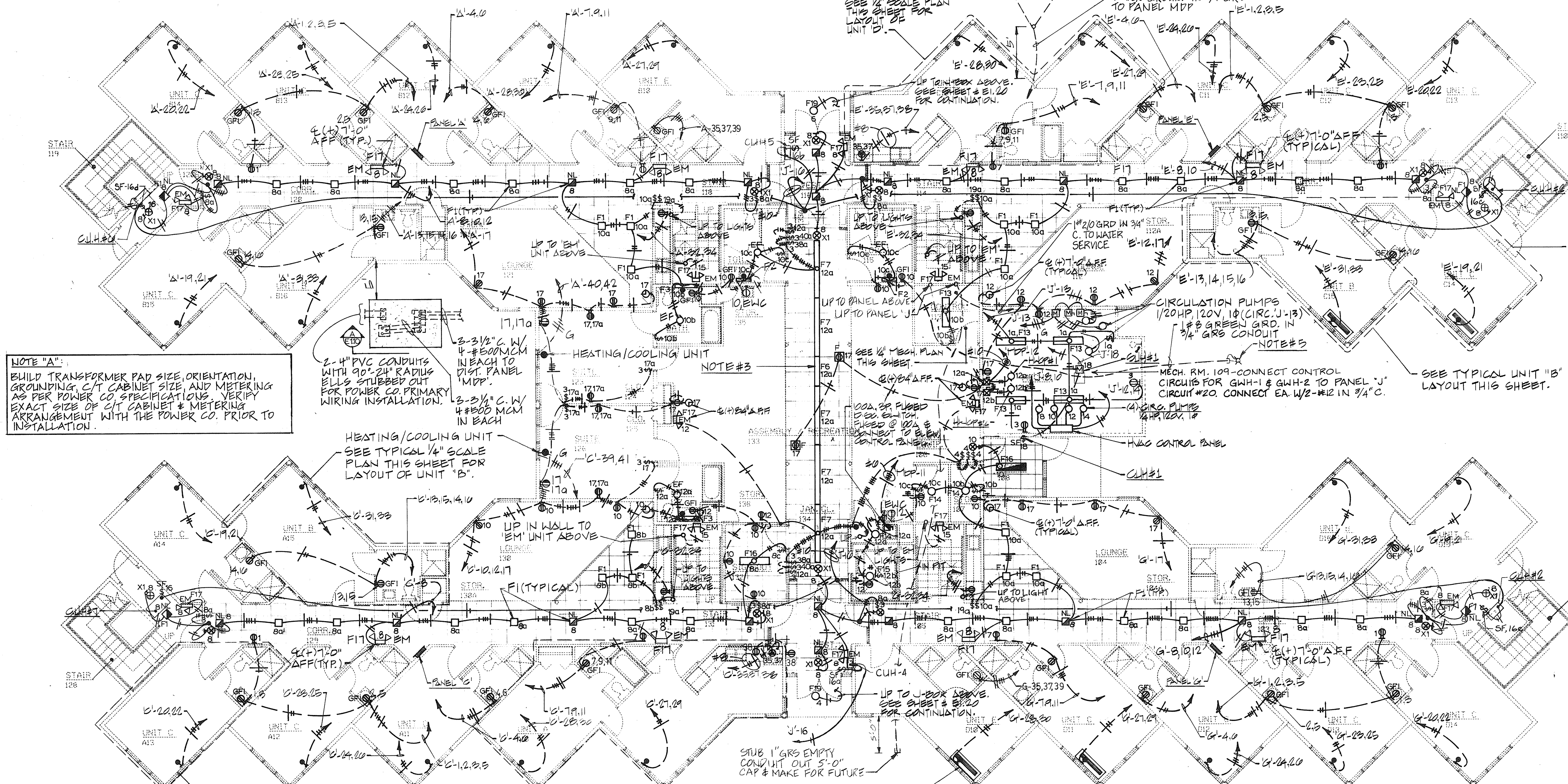
KITCHENETTE FLOOR PLAN
SCALE: 1/4"=1'-0" (TYPICAL)



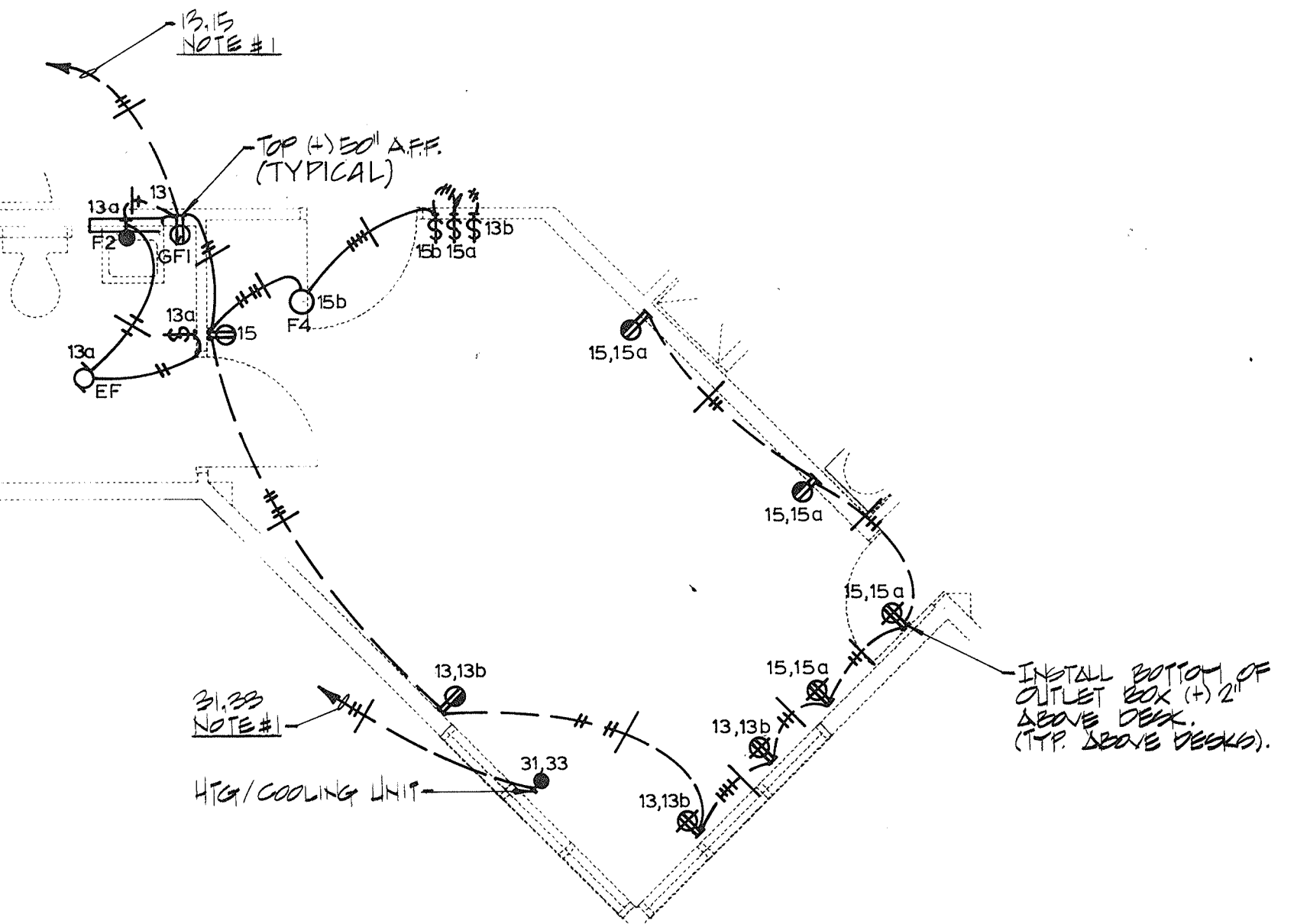
CONTROL ROOM FLOOR PLAN
SCALE: 1/4"=1'-0" (ROOM 113)



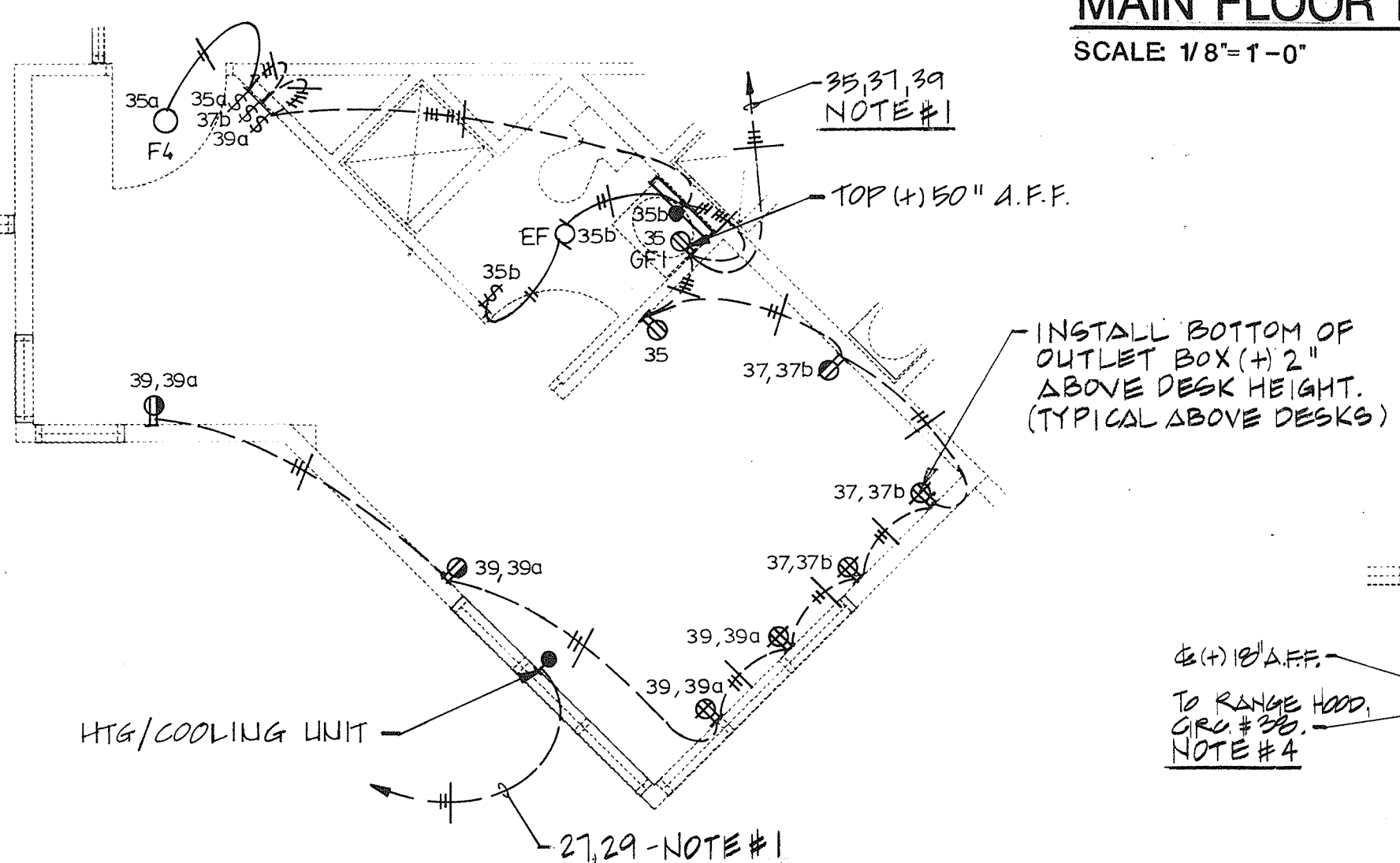
UNIT "A" FLOOR PLAN
SCALE: 1/4"=1'-0"



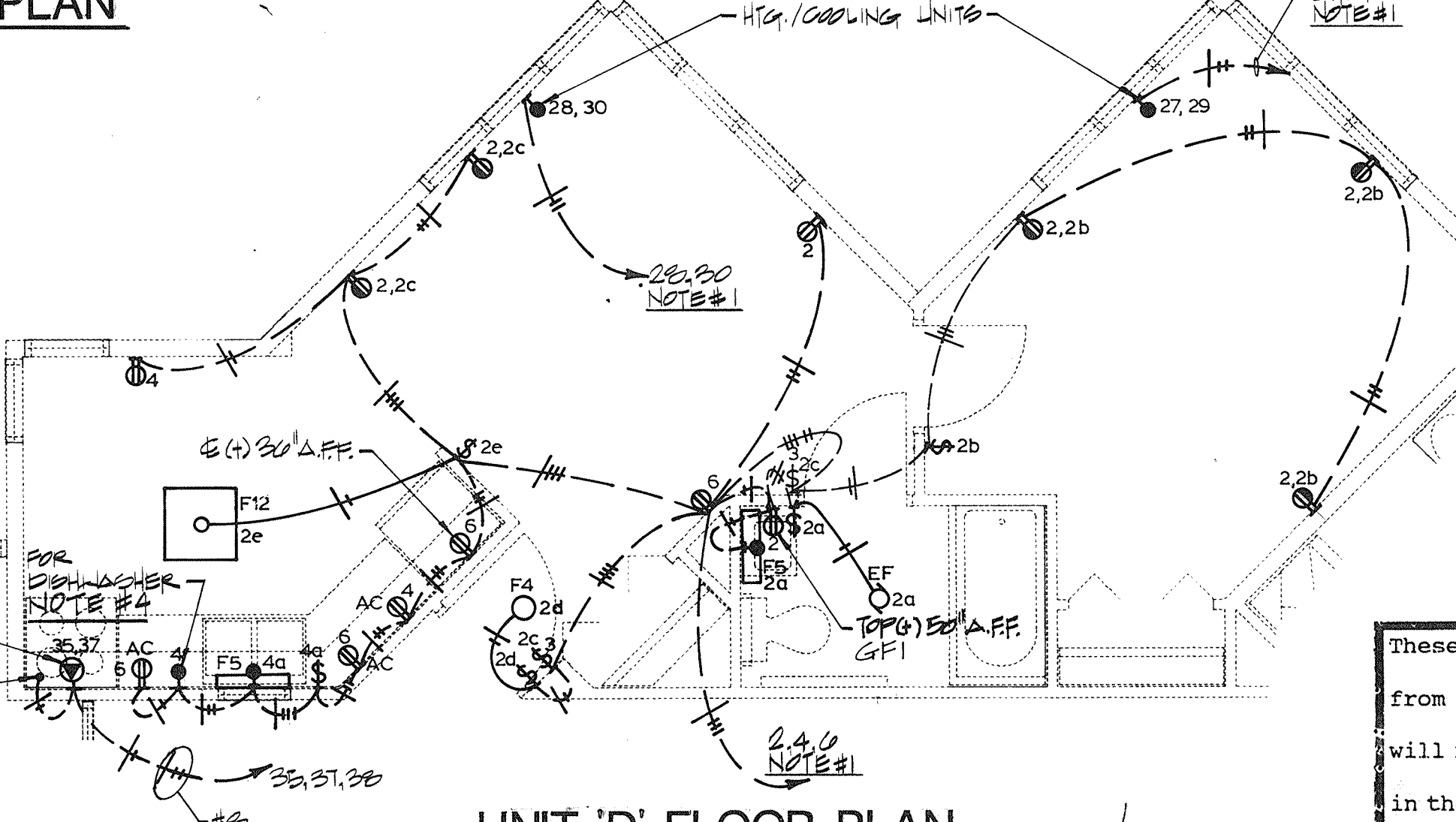
MAIN FLOOR PLAN
SCALE: 1/8"=1'-0"



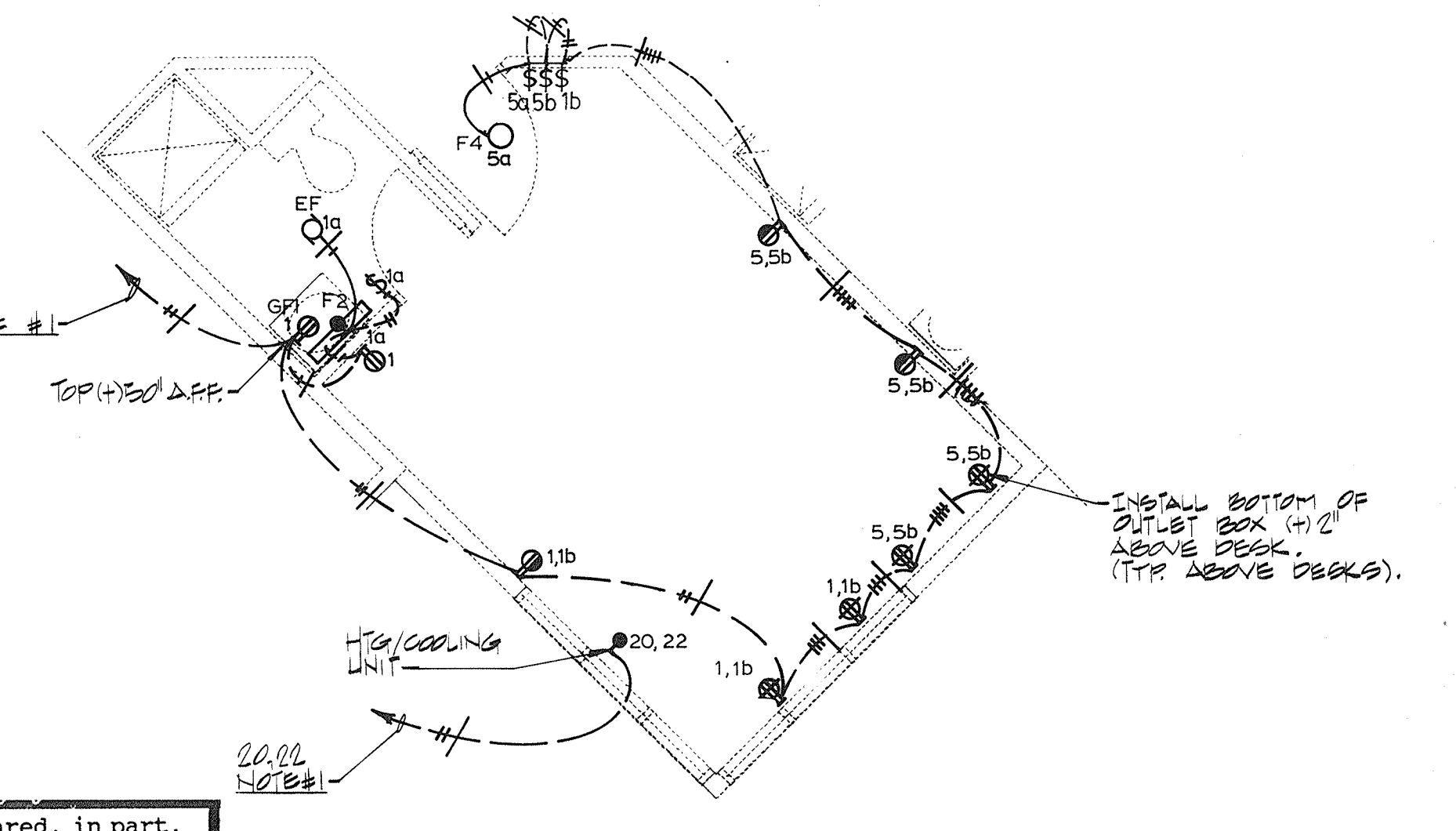
UNIT "B" FLOOR PLAN
SCALE: 1/4"=1'-0"



UNIT "E" FLOOR PLAN
SCALE: 1/4"=1'-0"



UNIT "D" FLOOR PLAN
SCALE: 1/4"=1'-0"




UNIT "C" FLOOR PLAN
SCALE: 1/4"=1'-0"

- NOTES:**
1. INSTALL CONDUIT AND WIRING TO ASSOCIATED ELECTRICAL PANEL - SEE FLOOR PLAN FOR PANEL AND LOCATION.
 2. BRANCH PANEL CIRCUIT IDENTIFICATION SHOWN ON 1/4" SCALE TYPICAL UNIT. FLOOR PLAN IS ARBITRARY AND IS INTENDED TO SHOW CIRCUIT ARRANGEMENT WITHIN UNIT, ONLY. REFER TO 1/8" SCALE FLOOR PLAN FOR PRECISE BRANCH CIRCUIT IDENTIFICATION, AND "HOME-RUN" CIRCUITRY.
 3. INSTALL SUSPENDED LIGHT FIXTURES WITH TOP OF FIXTURES 1/2" BELOW FINISH CEILING. PROVIDE FIXTURE ITEM LENGTHS AND SUPPORT ABOVE CEILING AS REQUIRED.
 4. THE OWNER WILL PROVIDE A RANGE HOOD AND DISHWASHER, THE CONTRACTOR SHALL INSTALL AND CONNECT.
 5. INSTALL 3/4" DIA. X 10'-0" COPPER CLAD GROUND ROD WITH TOP 6" BELOW GRADE, CONNECT #8 GREEN GROUND AND CONDUIT GROUND FOR SECURITY SYSTEM EARTH GROUND.

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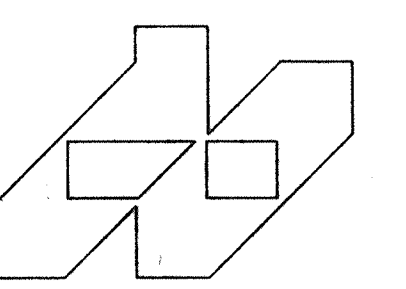
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NO.	DATE	REMARKS		R.L.B.	J.L.R.	M.T.D.		1735.26	
1	12/3/92	REVISED PER RECORD DRAWINGS		TRACED		APPROV.		DATE	3-30-89
				CHECKED		APPROV.		SHEET NUMBER	E1.10
				M.T.D.		D.A.M.		OF 5 SHEETS	



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MAIN FLOOR PLAN LIGHTING AND POWER

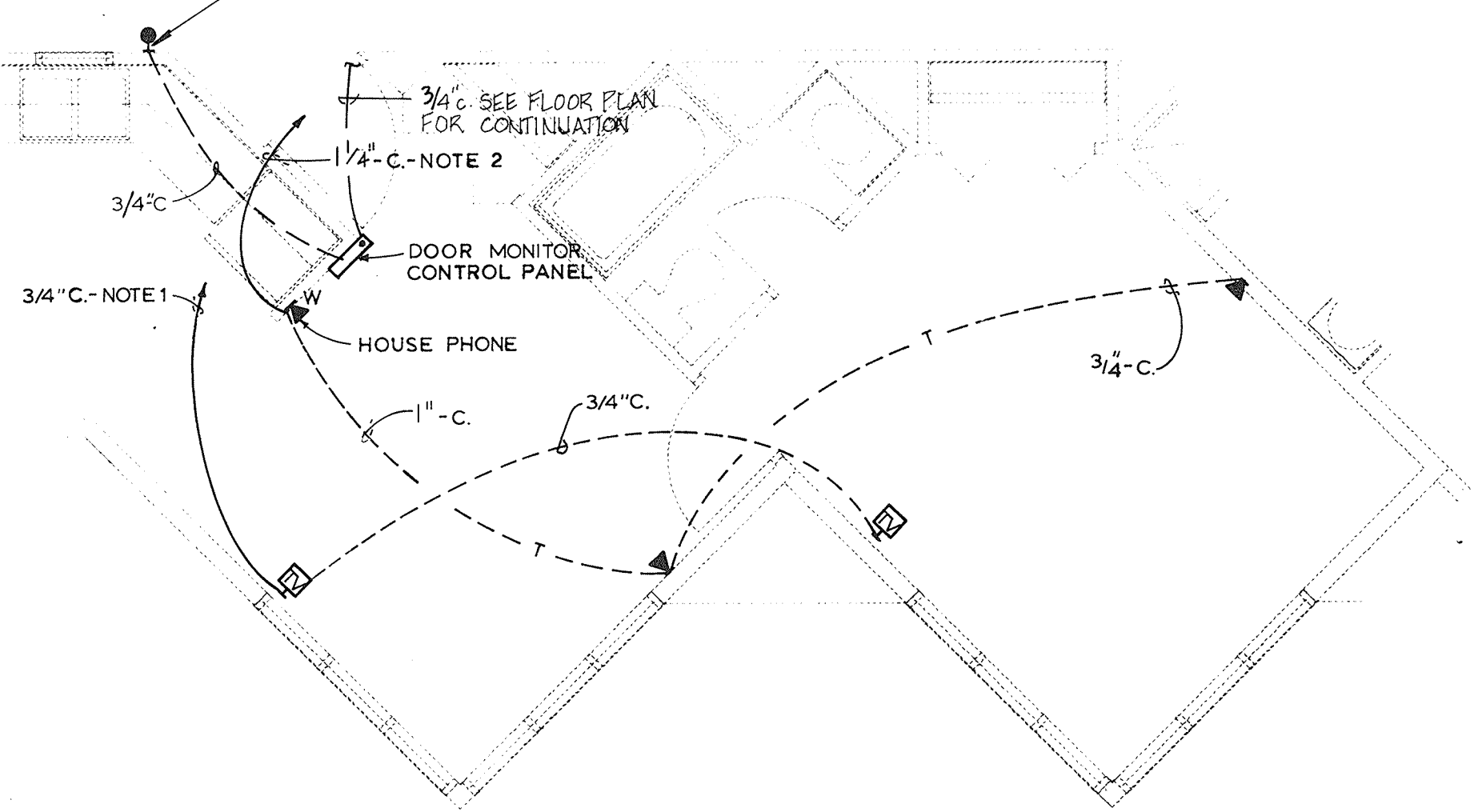
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PHASE 8 - STUDENT HOUSING
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PROJECT NUMBER
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SHEET NUMBER
E1.10

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[illegible]

Architectural drawing of a room with a fireplace and a large window. The fireplace is on the right wall, and the window is on the left wall. The drawing includes dimensions and notes for the fireplace and window.

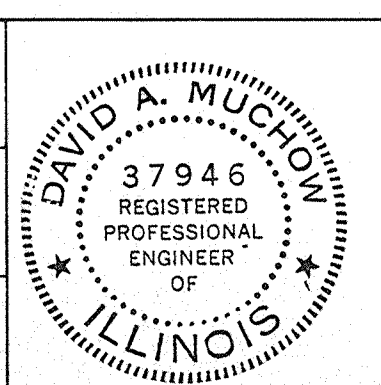
Dimensions and notes for the fireplace:

- 3/4" C. - NOTE 1
- 3/4" C. - NOTE 2
- 3/4" C. - NOTE 3
- FOR FLUES & TRANSITION

- UNIT 'E' FLOOR PLAN**
SCALE: 1/4" = 1'-0"

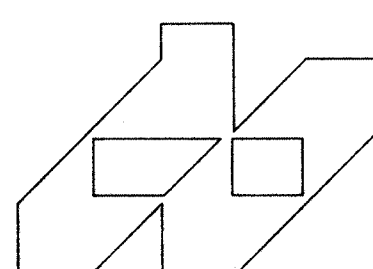
REVISIONS		
NO.	DATE	REMARKS
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CHECKED M.T.D.	APROV. D.A.M.



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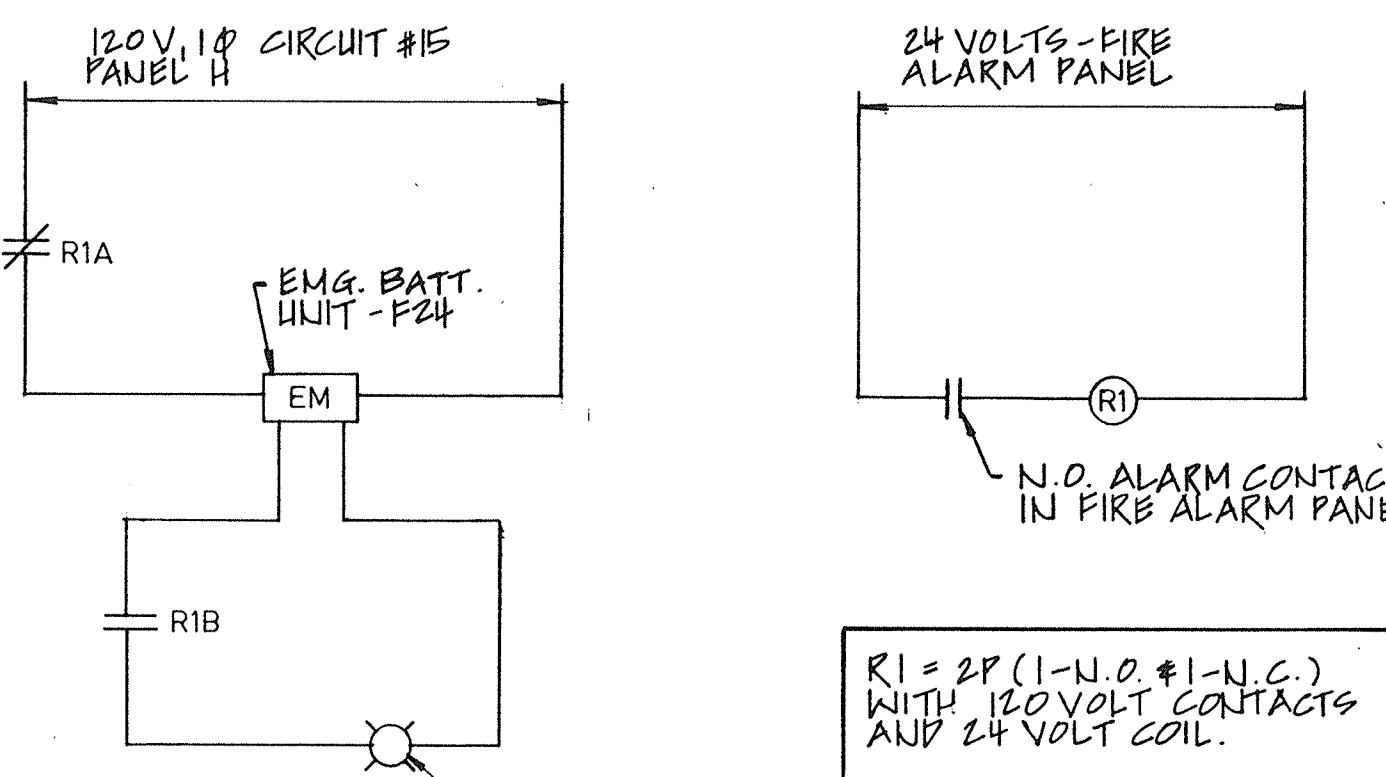
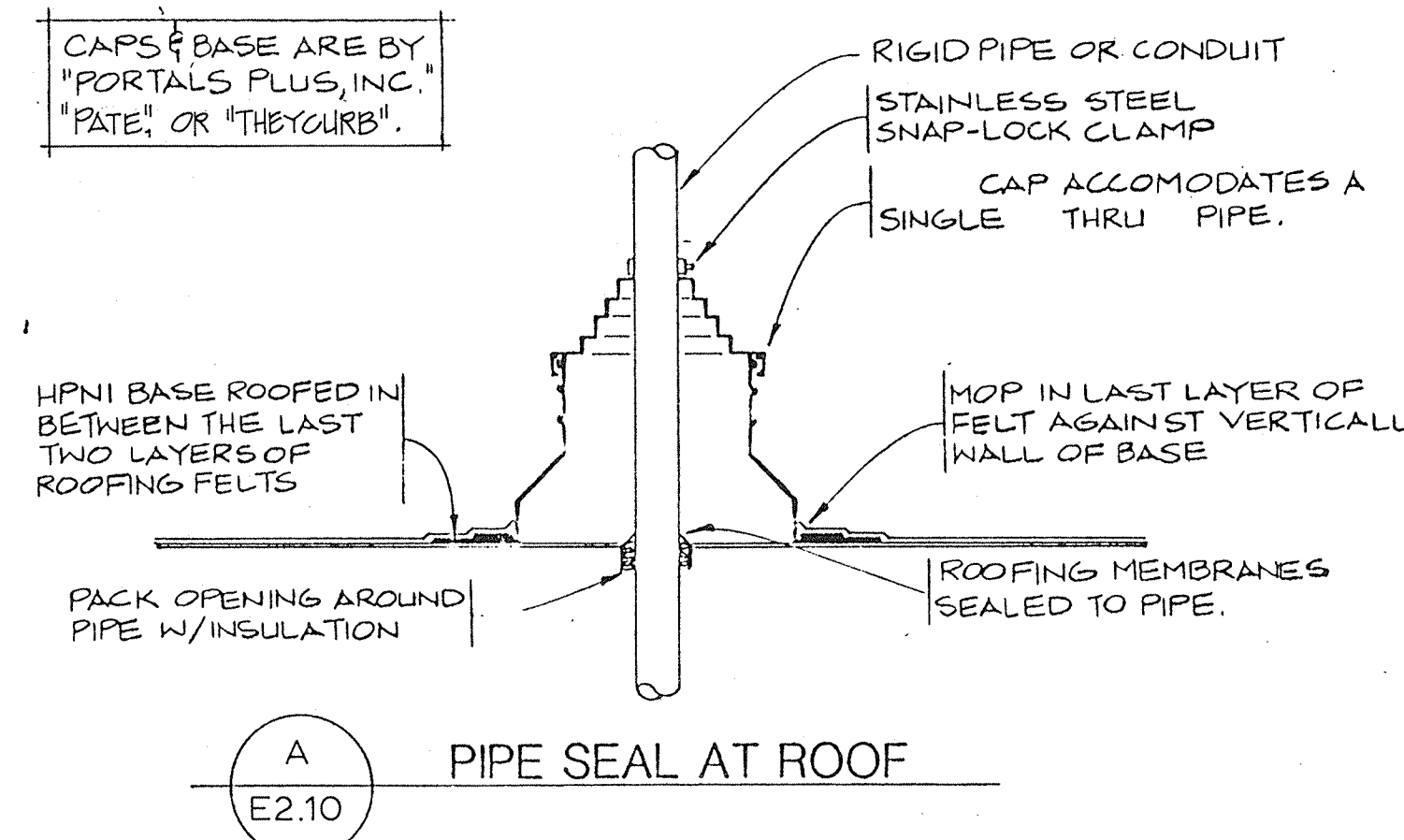
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PROJECT NUMBER
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3-30-84

SHEET NUMBER
E1.11

OF 5 SHEETS



LIGHT FIXTURE SCHEDULE

EXIT SIGNS SHALL BE SELF-CONTAINED NORMAL/EMERGENCY WITH OPEN-FACED RED LETTERS ON A WHITE BACKGROUND, BLACK ALUMINUM HOUSING, DOWN LIGHTING FEATURE, 2-2016 1/2 INCHES HOUSING, 6" HIGH X 3/4" STROKE LETTERING, AND DIRECTIONAL ARROWS AS INDICATED.

- X-1 - BACK TO WALL MOUNTED, SINGLE-FACED, TO READ "EXIT"
- X-2 - BACK TO WALL MOUNTED, SINGLE-FACED, TO READ "EXIT"
- X-3 - CEILING MOUNTED, SINGLE-FACED, TO READ "EXIT"
- X-4 - CEILING MOUNTED, DOUBLE-FACED, TO READ "EXIT"
- X-5 - WALL MOUNTED, SINGLE-FACED, TO READ "EXIT" (ALL WITH THREE MANUFACTURERS)

ALCO #EA SERIES
CHLORIDE REFERENCE SERIES
LITHONIA #XS/XP SERIES

F23 - 24 VOLT D.C. ROTATING BEACON WALL MOUNTED, U.L. LISTED FOR WET LOCATION, 2-50 WATT D.C. LAMPS, RED DOME, AND ANGULAR CORNER MOUNTED BRACKET.

FEDERAL SIGNAL - MODEL 372 (24 VOLT D.C.) WITH LOMB ANGLE BRACKET

F24 - STANDBY WALL MOUNTED BATTERY BACK-UP POWER SUPPLY - 120 VOLT, 1-PHASE INPUT AND 24 VOLT D.C. OUTPUT WITH LED "ON" AND TROUBLE INDICATOR LIGHTS, TEST SWITCH, C/B PROTECTION, AND SEALED MAINTENANCE FREE BATTERIES. (CAPACITY - MINIMUM 90 MINUTES)

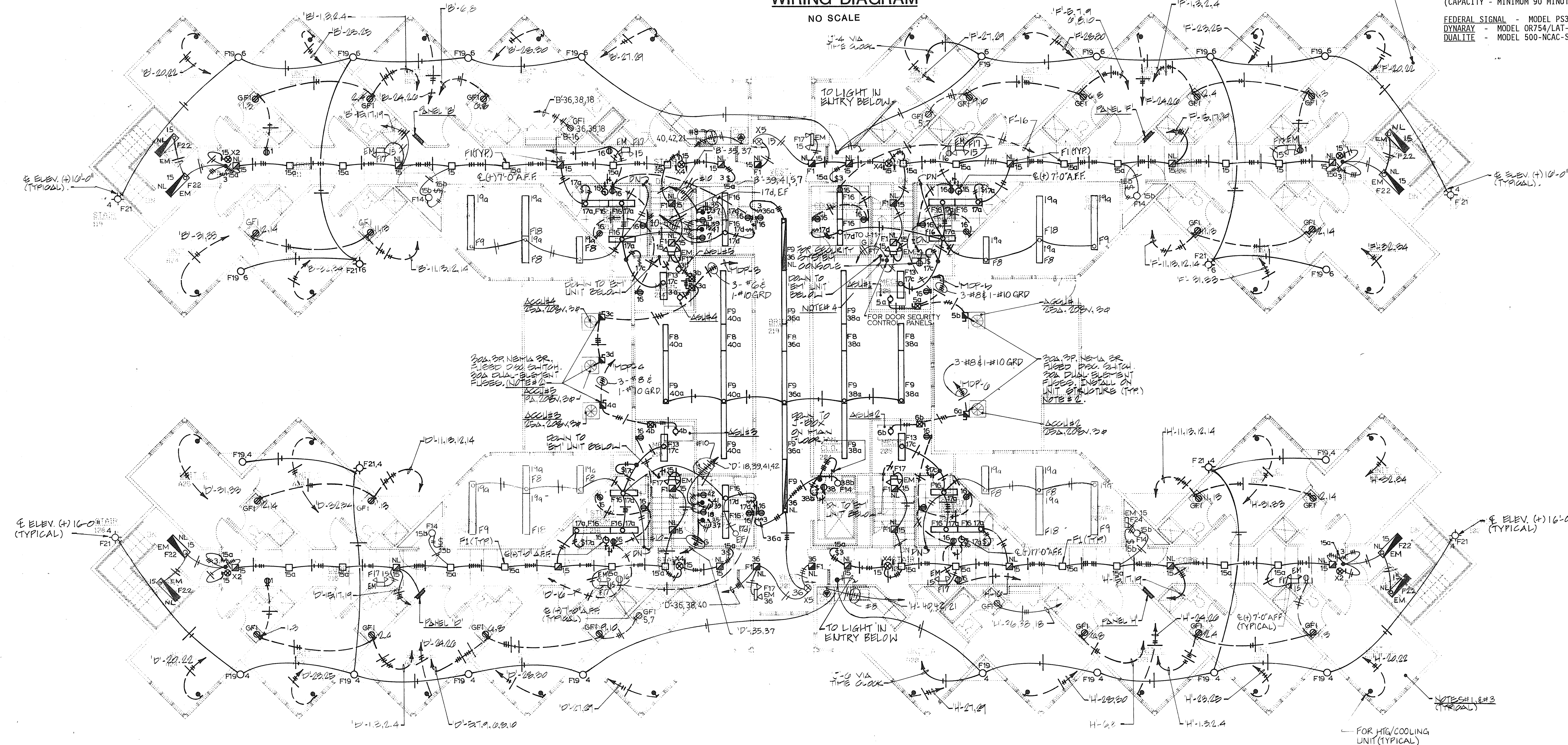
FEDERAL SIGNAL - MODEL PS300
DYNARAY - MODEL 0R754/LAT-SPECIAL
DUALITE - MODEL 500-NCAC-SPECIAL

- F1 - 100 WATT RECESSED SQUARE INCANDESCENT WITH STEPPED BLACK MILLIGROOVE BAFFLE, DROP DISH OPAL GLASS LENS, AND A-19 130 VOLT LAMP.
PRESCOLITE #1000 RMB
CAPRI LIGHTING #S10/S-19-6
HALO #H25-16
- F2 - 24" - 2 LAMP WALL MOUNTED FLUORESCENT WITH 120 VOLT BALLAST, ACRYLIC PRISMATIC LENS, HINGED AND LATCHED FRAME, FUSED, WHITE ENAMEL FINISH, AND 2 - 20 WATT TS/CW LAMPS.
DAYBRITE #25242-ESB-FUSED
LITHONIA #WS-220-A12-ES-GLR
KEYSTONE #SA220-A-ESB-FUSED-120 VOLT
- F3 - 36" - 2 LAMP WALL MOUNTED FLUORESCENT WITH 120 VOLT BALLAST, ACRYLIC PRISMATIC LENS, HINGED AND LATCHED FRAME, FUSED, WHITE ENAMEL FINISH, AND 2 - 30 WATT RS/CW LAMPS.
DAYBRITE #35242
LITHONIA #WS-230-A12-ES-GLR
KEYSTONE #SA230-A-ESB-FUSED-120V
- F4 - 100 WATT RECESSED ROUND INCANDESCENT WITH STEPPED BLACK MILLIGROOVE BAFFLE, FRENZEL LENS, AND A-19 130 VOLT LAMP.
PRESCOLITE #90RM-71
CAPRI LIGHTING #AC016-T157
HALO #H8-86
- F5 - 24" - 2-TUBE UNDER CABINET FLUORESCENT WITH 2-20 WATT TS/CW LAMPS ACRYLIC PRISMATIC LENS, HINGED AND LATCHED CONSTRUCTION, WHITE ENAMEL FINISH, AND 120 VOLT BALLAST.
ALCO #116-S-OF
GUTH #ACR/202/1
KEYSTONE #HUG-15-(NO SWITCH)
- F6 - 4' - 2-LAMP ROUND FLUORESCENT STEM MOUNTED WITH SEMI-SPECULAR ANODIZED ALUMINUM LOW-BRIGHTNESS PARABOLIC BAFFLE, DIRECT DISTRIBUTION, 2-48" RS/CW 34 WATT LAMPS, FUSED, 120 VOLT ENERGY SAVING BALLAST, AND COLOR TO BE SELECTED BY THE ARCHITECT. PROVIDE ON 2" STEMS.
LITECONTROL #PD0624RS PARSS-SPECIAL-F-ESB-120V
LIGHTOLIER #CD9-1242-SPECIAL-ESB-FUSED-120V
- F7 - 8' - 2-LAMP ROUND FLUORESCENT STEM MOUNTED WITH SEMI-SPECULAR ANODIZED ALUMINUM LOW-BRIGHTNESS PARABOLIC BAFFLE, DIRECT DISTRIBUTION, 2-48" RS/CW 34 WATT LAMP, FUSED, 120 VOLT ENERGY SAVING BALLAST, AND COLOR TO BE SELECTED BY THE ARCHITECT. PROVIDE STEMS WITH TOP OF FIXTURE MOUNTED AT BOTTOM OF CEILING).
LITECONTROL #PD0628RS PARSS-SPECIAL-F-120V
LIGHTOLIER #CD9-1284-SPECIAL-FUSED-ESB-120V
- F8 - 4' - 2-LAMP ROUND FLUORESCENT STEM MOUNTED WITH INDIRECT DISTRIBUTION, 2-F48H0 CW LAMPS, FUSED, 120 VOLT ENERGY SAVING BALLAST, AND COLOR TO BE SELECTED BY THE ARCHITECT. PROVIDE ON 30" STEMS.
LITECONTROL #P10624H0-SPECIAL-F-ESB-120V
LIGHTOLIER #CD9-5342-SPECIAL-FUSED-ESB-120V
- F9 - 6' - 2-LAMP ROUND FLUORESCENT, STEM MOUNTED WITH INDIRECT DISTRIBUTION, 2-F72H0 CW LAMPS, FUSED, 120 VOLT ENERGY SAVING BALLAST, AND COLOR TO BE SELECTED BY THE ARCHITECT. PROVIDE ON 30" STEMS.
LITECONTROL #P10628H0-SPECIAL-F-ESB-120V
LIGHTOLIER #CD9-5384-SPECIAL-FUSED-ESB-120V
- F10 - 8' - 2-LAMP ROUND FLUORESCENT, STEM MOUNTED WITH INDIRECT DISTRIBUTION, 2-F96H0 CW LAMPS, FUSED, 120 VOLT ENERGY SAVING BALLAST, AND COLOR TO BE SELECTED BY THE ARCHITECT. PROVIDE ON 30" STEMS.
LITECONTROL #P10628H0-SPECIAL-F-ESB-120V
LIGHTOLIER #CD9-5384-SPECIAL-FUSED-ESB-120V
- F11 - NOT USED
- F12 - 4" DEEP SURFACE MOUNTED SQUARE FLUORESCENT WITH DROPPED WHITE ACRYLIC DIFFUSER, OAK TRIM, 2-RS/CW LAMPS, AND 120 VOLT ENERGY SAVING BALLAST. (NORMAL DIMENSIONS: 19" X 19" X 4")
PROGRESS #P7171
LIGHTOLIER #13738
KEYSTONE #AK-420
- F13 - 4' - 2-LAMP STEM MOUNTED INDUSTRIAL FLUORESCENT WITH WHITE ENAMEL FINISH, 2-40 WATT RS/CW LAMPS, FUSED, 120 VOLT ENERGY SAVING BALLAST, AND WIRE GUARD.
LITHONIA #AF240-120-ES-GLR-WG3-CEP
DAYBRITE #4021W-4-FUSED-WIREGUARD-120 VOLT
KEYSTONE #KP240-FUSED-ESB-GLR-120VOLT-WIREGUARD
- F14 - 100 WATT SURFACE MOUNTED CYLINDER INCANDESCENT WITH BRUSHED ALUMINUM HOUSING, CEILING MOUNTED, 100 WATT A-19 130 VOLT LAMP, AND LEXAN DIFFUSER.
PRESCOLITE #CF-2
CAPRI LIGHTING #CYP120
LITHONIA #WSJC
- F15 - 100 WATT SURFACE MOUNTED CYLINDER INCANDESCENT WITH BRUSHED ALUMINUM HOUSING, WALL MOUNTED, AND 100 WATT A-19 130 VOLT LAMP.
PRESCOLITE #WB-2
LITHONIA #WJC
CAPRI LIGHTING #CYP60
- F16 - 4' - 2-LAMP SURFACE MOUNTED WRAPAROUND FLUORESCENT WITH WHITE ENAMEL FINISH, CLASS P 120 VOLT ENERGY SAVING BALLAST, ACRYLIC PRISMATIC LENS, HINGED AND LATCHED DOOR FRAME, FUSED, AND 2-34 WATT RS/CW LAMPS.
DAYBRITE #45257-4-ESB-FUSED-120V
GUTH #AC6780/120-ESB-FUSED-120V
KEENE #CBS240-ESB-FUSED-120V
- F17 - TWO HEAD SELF-CONTAINED EMERGENCY LIGHT WITH TEST SWITCH CHANGE RATE INDICATOR, CHARGER, SEALED MAINTENANCE FREE NICKEL-CADMIUM BATTERIES, FULLY AUTOMATIC OPERATION, INJECTION MOLDED HIGH IMPACT THERMO-PLASTIC AND ADJUSTABLE HEADS.
DUAL-LITE #E22
EXTIDE #W100
LITHONIA #ELG-2-V-DP
- F18 - NOT USED
- F19 - 70 WATT HIGH PRESSURE SODIUM ROUND RECESSED CANOPY LIGHTING WITH REGRESSED BLACK SPRAY TRIM, FRENZEL LENS, U.L. LISTED FOR DAMP LOCATIONS, 120 VOLT BALLAST, FUSED, AND 70 WATT HPS LAMP.
LITHONIA #LG1270SRWF-BLTM-SF-120V
KEYSTONE #SS4MC-100-FUSED-SPECIAL
MARK #HR614742
- F20 - 150 WATT HIGH PRESSURE SODIUM CUT-OFF SQUARE POLE MOUNTED SINGLE-HEADED LUMINAIRE WITH 1" SQUARE ALUMINUM POLE FINISH COLOR TO MATCH ARCHITECT'S SPECIFICATION 120 VOLT BALLAST, FUSED, AND 150 WATT HPS LAMP. SEE POLE BASE DETAIL SHEET C1.21.
LITHONIA #150 WA150S-SP-15-120-SF-SPECIAL
KIM #IA-EG404-150HPS120-LS-PSA-FUSED-SPECIAL
STERNER #EX20A-10-3-SS-3-120-SSA180-P-FUSED-SPECIAL
- F21 - 70 WATT HPS WALL MOUNTED LUMINAIRE WITH VANDAL-PROOF LEXAN HOUSING, 120 VOLT BALLAST, FUSED, BRONZE DURANODIC IN COLOR, DIRECTIONAL PRISMATIC REFLECTOR, AND 70 WATT HPS LAMP.
BENJAMIN #OLW-270-120B
CROUSE-HINDS #CTL-50LLP120-LP5
LITHONIA #FML-705-120V-FUSED-BRONZE
- F22 - 1 x 4 FLANGED MOUNTED 2-TUBE FLUORESCENT WITH RS/CW 34 WATT ENERGY SAVING LAMPS AND BALLAST, 120 VOLT, HINGED AND LATCHED FLUSH STEEL DOOR FRAME, WHITE ENAMEL FINISH, FUSED, AND ACRYLIC PRISMATIC PATTERN - 12 LENS (1/8" THICK MINIMUM). PROVIDE EMERGENCY BATTERY POWERED UNIT AND PASTER FRAME.
LITHONIA #FS240-A12-125-120V-BS-GLR-EL
DAYBRITE #ESF142-SRA12A-ESB-LP10-FUSED-120V
KEYSTONE #F240-EA-E-LE-FUSED-120V-SPECIAL

FIRE ALARM - BUILDING ANNUNCIATION

WIRING DIAGRAM

NO SCALE



UPPER FLOOR PLAN

SCALE: 1/8" = 1'-0"

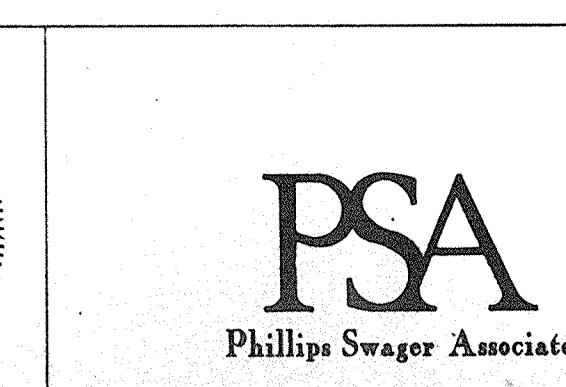
NOTES:

- BRANCH PANEL CIRCUIT IDENTIFICATION SHOWN ON 1/4" SCALE TYPICAL UNIT, FLOOR PLAN IS ARBITRARY AND IS INTENDED TO SHOW CIRCUIT ARRANGEMENT WITHIN UNIT, ONLY. REFER TO 1/8" SCALE FLOOR PLAN FOR PRECISE BRANCH CIRCUIT IDENTIFY, AND "HOME RUN" CIRCUITRY.
- SEE DETAIL "A" THIS SHEET FOR PIPE RUN THRU ROOF.
- SEE SHEET E1.10 FOR TYPICAL UNIT FLOOR PLANS AND ADDITIONAL WIRING.
- 1 - #8 GREEN GROUND IN 3/4" - C. - CONNECTION TO SECURITY SYSTEM FOR EARTH GROUND BY GENERAL CONTRACTOR.
- EMERGENCY BATTERY UNIT FOR FIRE ALARM ANNUNCIATION - SEE WIRING DIAGRAM - THIS SHEET AND OUTSIDE STROBE LIGHT SHEET E1.21.
- THE OWNER WILL PROVIDE (40) F1 TYPE LIGHTING FIXTURES (PER BUILDING) TO THE ELECTRICAL CONTRACTOR FOR INSTALLATION AND CONNECTION IN CORRIDORS - 202, 206, 211 AND 215. ALL ADDITIONAL FIXTURES REQUIRED SHALL BE PROVIDED BY THE CONTRACTOR.

These Record Drawings have been prepared, in part, from information provided by others. The Architect will not be responsible for any errors or omissions in the information or records from which these drawings have been produced.

NO.	DATE	REMARKS
12/3/92	REVISED PER RECORD DRAWINGS	

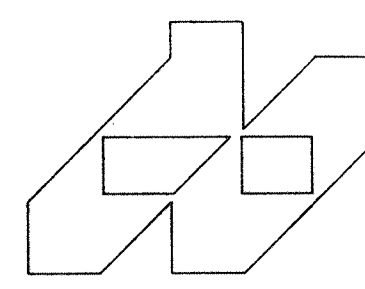
DRAWN J.L.R.	PREP. M.T.D.
TRACED	APPROV.
CHECKED M.T.D.	APPROV. D.A.M.



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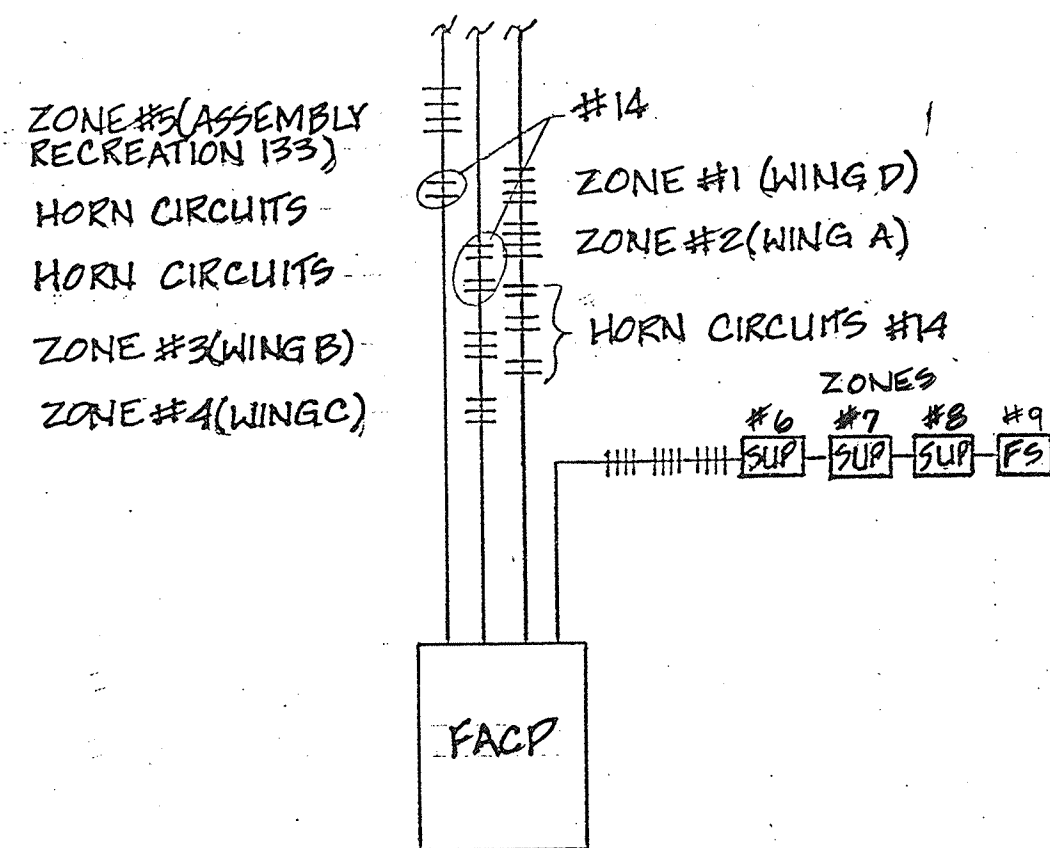


STATE OF ILLINOIS

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C.D.B. PROJECT NUMBER 759-050-001 PH8

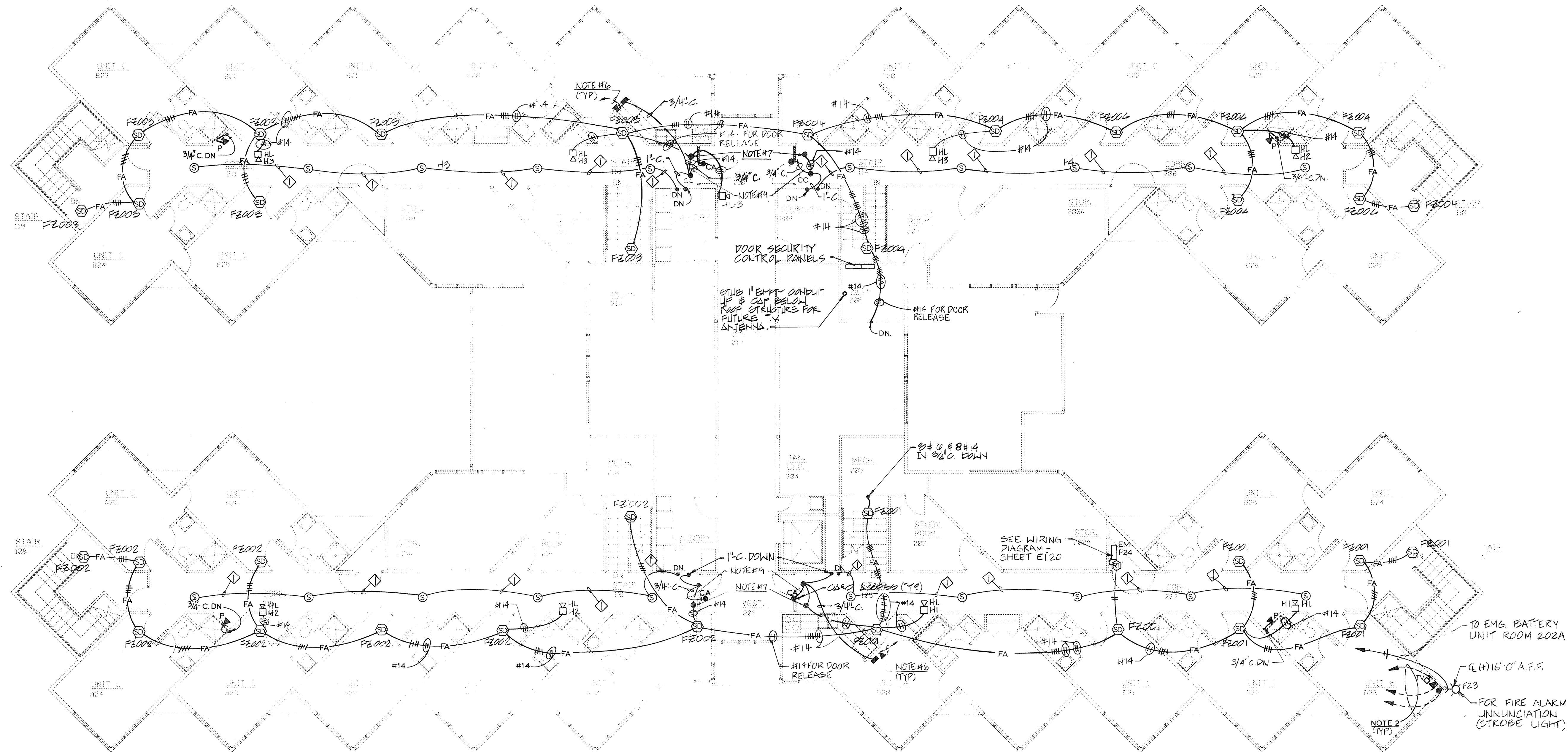
UPPER FLOOR PLAN LIGHTING AND POWER		PROJECT NUMBER 1735.26
ILLINOIS MATHEMATICAL AND SCIENCE ACADEMY PHASE 8 - STUDENT HOUSING RANDALL ROAD AND SULLIVAN ROAD AURORA, ILLINOIS		DATE 3-30-89
		SHEET NUMBER E1.20
		OF 5 SHEETS



FIRE ALARM RISER DIAGRAM
NO SCALE

SYMBOL LIST:

- FLUORESCENT LIGHT FIXTURE
 - FLUORESCENT LIGHT FIXTURE - SELF CONTAINED - NORMAL/ EMERGENCY POWER
 - INCANDESCENT SQUARE LIGHT FIXTURE
 - INCANDESCENT SQUARE LIGHT FIXTURE - "NL" INDICATES NIGHT LIGHTING
 - CEILING OUTLET
 - INCANDESCENT ROUND LIGHT FIXTURE
 - CEILING MOUNTED EXIT SIGN - SELF-CONTAINED NORMAL/EMERGENCY POWER
 - WALL MOUNTED EXIT SIGN - SELF-CONTAINED NORMAL/EMERGENCY POWER
 - SINGLE POLE LIGHT SWITCH
 - THREE-WAY LIGHT SWITCH
 - SWITCH AND FUSE MOTOR CONTROLLER
 - DUPLEX RECEPTACLE
 - DUPLEX RECEPTACLE - INDICATES 1/2 SWITCHED
 - QUADRUPLEX RECEPTACLE
 - DUPLEX RECEPTACLE - GROUND FAULT INTERRUPTER EQUIPPED
 - DRY OUTLET - 30A, 208V, 3 PRONG - NEMA CONFIGURATION AS REQUIRED
 - RANGE OUTLET - 50A, 208V, 3 PRONG - NEMA CONFIGURATION AS REQUIRED
 - CLOCK OUTLET
 - WALL MOUNTED TELEPHONE OUTLET - "DESK TYPE"
 - WALL MOUNTED TELEPHONE OUTLET - "WALL TYPE"
 - WALL MOUNTED TELEPHONE OUTLET - "PAY TYPE"
 - CEILING MOUNTED JUNCTION BOX
 - WALL MOUNTED JUNCTION BOX
 - EWC - ELECTRIC WATER COOLER
 - AC - ABOVE COUNTER
 - AFF - ABOVE FINISH FLOOR
 - MOTOR OUTLET - SIZE AND TYPE AS SHOWN
 - DISCONNECT SWITCH - NON-FUSED - SIZE AS NOTED
 - DISCONNECT SWITCH - FUSED - SIZE AS NOTED
 - COMBINATION MOTOR STARTER
 - MANUAL MOTOR STARTER
 - ELECTRICAL PANEL
 - EQUIPMENT - AS NOTED
- FIRE ALARM SYSTEM:
- HL - AUDIO/VISUAL HORN
 - ION - IONIZATION TYPE SMOKE DETECTOR
 - FZ001 - INDICATES ZONE
 - SUP - SUPERVISORY VALVE
 - FS - FLOW SWITCH
- COMMUNICATIONS SYSTEM: (OUTLET BOXES AND BLANK COVER PLATES - ONLY)
- TV - TELEVISION OUTLET
 - DM - DOOR MONITOR NOTE "2"
 - CA - CARD ACCESS-TOP OF BOX 2-6" AFF
 - CC - CEILING MOUNTED SENSOR
 - WC - WALL MOUNTED SENSOR
- CONDUIT:
- CONDUIT AND WIRING CONCEALED ABOVE CEILING STRUCTURE
 - EXPOSED CONDUIT OR SURFACE RACEWAY - AS NOTED
 - CONDUIT AND WIRING CONCEALED BELOW FLOOR OR IN WALL STRUCTURE-NOTE "3"
 - INDICATES WITH GROUNDING CONDUCTOR
 - HOME RUN TO PANEL
 - INDICATES NUMBER OF WIRES IN CONDUIT
 - FIRE ALARM CONDUIT AND WIRING
 - TELEPHONE CONDUIT
 - EMPTY CONDUIT FOR DATA TRANSMISSION - FUTURE
 - INTERCOM CONDUIT & WIRING
 - INTERCOM SPEAKER
 - NUMBER OF CABLES
 - FIRE ALARM BUILDING ANNUNCIATOR STROBE



UPPER FLOOR PLAN
SCALE: 1/8"=1'-0"

NOTES:

- ALL FIRE ALARM WIRING SHALL BE NO. 16 UNLESS OTHERWISE NOTED.
- INSTALL ALL EMPTY CONDUITS ON UPPER LEVEL FOR TELEPHONE FUTURE DATA AND TELEVISION IN LOWER CEILING SPACE AND STUB ABOVE CABLE TRAY IN CORRIDOR.
- NO CONDUIT WILL BE ALLOWED TO BE RUN IN CONCRETE FLOOR SLABS. ALL CONDUIT SHALL BE INSTALLED IN CEILING SPACES BELOW.
- INSTALL DOOR MOUNTED JUNCTION BOX. ABOVE CEILING, STUB CONDUIT DOWN INTO TOP OF DOOR FRAME FOR DOOR MONITORING SYSTEM CONNECTION BY OTHERS.
- PROVIDE AND INSTALL STAND-OFFS AT ALL CARD READERS IN BUILDINGS 1502, 1504, AND 1505.
- INSTALL 3/4" CONDUIT FOR TELEPHONE IN LOWER CEILING SPACE AND STUB ABOVE CABLE TRAY IN MAIN FLOOR CORRIDOR.
- ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE SECURITY SYSTEM SUPPLIER FOR INTER-CONNECTION BETWEEN SECURITY ACCESS DOORS AND FIRE ALARM SYSTEM FOR DOOR RELEASE UNDER A FIRE ALARM CONDITION.
- ALL CONDUIT SIZES AND ROUGH-IN POINTS FOR SECURITY DOOR ACCESS SYSTEM SHALL BE COORDINATED WITH THE SECURITY ACCESS SYSTEM SUPPLIER BEFORE INSTALLATION.
- PROVIDE 3/4" P.V.C. CONDUIT FROM JUNCTION BOX IN CEILING TO CARD ACCESS OUTLET AT DOOR. ALL CARD ACCESS SYSTEM CONDUITS OTHER THAN TO CARD ACCESS POINT SHALL BE EMT (SIZES AS SHOWN ON DRAWING).

FIRE ALARM ZONE SCHEDULE	
ZONE NUMBER	AREA COVERED
1	WING "D" UPPER & LOWER LEVELS
2	WING "A" UPPER & LOWER LEVELS
3	WING "B" UPPER & LOWER LEVELS
4	WING "C" UPPER & LOWER LEVELS
5	ASSEMBLY AND REC/133
6	SUPERVISORY SPRINKLER VALVE
7	SUPERVISORY SPRINKLER VALVE
8	SUPERVISORY SPRINKLER VALVE
9	FLOW SWITCH

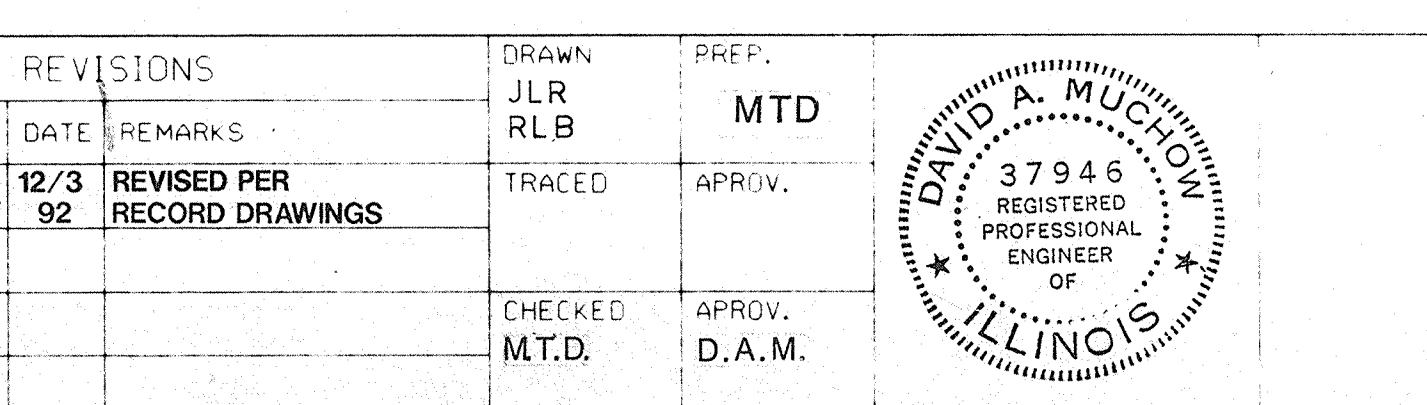
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PANEL 10 1A		CONNECTED		LOAD		FOUR MIRE S/N					
VOLTAGE : 120 / 208						X GROUND BUS					
PHASE : 3		A	B	C	A TYPE						
RATED APPROPRIATE 1225						ONE SECTION					
MAIN LUGS USED		19230 15126		05360 WATTS							
MOUNTING RECESSED		127 126		88 AMPERS							
CKT	DIRECTORY	LOAD	SIZE	A	B	C	SIZE	LOAD	DIRECTORY	CKT	
1	RECEPTACLES	1450	120/P				120/P	1450	RECEPTACLES	1	
3	RECEPTACLES	1450	120/P		2900		120/P	1450	RECEPTACLES	4	
5	RECEPTACLES	1450	120/P			2900	120/P	1450	RECEPTACLES	6	
7	RECEPTACLES	1620	120/P		2820		120/P	1600	LIGHTING	8	
9	RECEPTACLES	1620	120/P		2820		120/P	1600	RECEPT. & LIGHTS	10	
11	RECEPTACLES	1620	120/P			3020	120/P	1600	LIGHTING	12	
13	RECEPTACLES	1450	120/P		2900		120/P	1450	RECEPTACLES	14	
15	RECEPTACLES	1450	120/P		2900		120/P	1450	RECEPTACLES	16	
17	RECEPTACLES	600	120/P			600	120/P	0	SPARE	18	
19	PTAC	842	120/P		1684		120/P	842	PTAC	20	
21		842	120/P		1684		120/P	842		22	
23	PTAC	842	120/P		842	1684	120/P	842	PTAC	24	
25		842	120/P		1684		120/P	842		26	
27	PTAC	842	120/P		842	1684	120/P	842	PTAC	28	
29		842	120/P			1684	120/P	842		30	
31	PTAC	842	120/P		2242		120/P	1400	MICROWAVE	32	
33		842	120/P		538		120/P	0	REFRIGERATOR	34	
35	RECEPTACLES & LIGHTS	650	120/P			650	120/P	0	SPARE	36	
37	RECEPTACLES	1000	120/P		1000		120/P	0	SPARE	38	
39	RECEPTACLES	1200	120/P		1200		120/P	0	SPARE	40	
41	SPARE	0	120/P			0	120/P	0	SPARE	42	
INTERGATED EQUIP.				TOTAL WATTS: 40384				FEEDER			
RATING: RMS AMPS 110,000								ENTRY BOTTOM			

PANEL ID: 18		CONNECTED				LOAD		FOUR WIRE S/N		
VOLTAGE: 120 / 208		PHASE: 1 3		A B C		X		ROUND BUS		
RATED AMPERAGE: 225		MAIN LUSS LUG		17605 21970		22844		ONE SECTION		
MOUNTING: RECESSED		145 185		181		HAPPS				
TOKT	DIRECTORY	LOAD	SIZE	PHASE			BKR	LOAD	DIRECTORY	CKT
1	RECEPTACLES	1450	20/P	2900				1450	RECEPTACLES	2
3	RECEPTACLES	1450	20/P	2900				1450	RECEPTACLES	4
5	WASHER	200	120/P				1450	20/P	1450	6
7	WASHER	800	20/P	1650				20/P	1450	8
9	RECEPTACLES	1450	20/P		2900			120/P	1450	10
11	RECEPTACLES	1450	20/P					2900	120/P	12
13	RECEPTACLES	1450	20/P	2900				120/P	1450	14
15	LIGHTING	1500	20/P					2900	120/P	16
17	LIGHTING	1400	20/P				2096	20/P	636	REFRIGERATOR
19	LIGHTING	1470	20/P					2312		842
21	RANGE HOOD	360	20/P			1202			842	
23		842					1684		842	
25	PTAC	842	20/2P					28/2P	842	PTAC
27		842					1684		842	
29	PTAC	842	20/2P					28/2P	842	PTAC
31		842					1684		842	
33	PTAC	842	20/2P					28/2P	842	PTAC
35		842					1684		842	
37	WASHER	960	20/P				2300	20/P	1400	MICROWAVE
39	DRYER	3250	25/P				4000	20/P	1475	DISHWASHER
41	WASHER	960	20/P			2400			4500	
43	DRYER	3250	25/P					50/2P	4500	RANGE
INTERGRATED EQUIP. RATING: RMS HPS 110-000				TOTAL WATTS: 54040				FEEDER ENTRY BOTTOM		

MAIN SWITCHBOARD (MDP)

SCALE: 3/4" = 1'-0"



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PROJECT NUMBER
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SHEET NUMBER
E 3.10

OF 5 SHEETS